Form 3160-3				1	APPROV		
(August 1999)	TTC C			Expires No	o. 1004-0 vember 3		
UNITED STA		מר		5. Lease Serial No.	vernoer 5		
DEPARTMENT OF TH BUREAU OF LAND MAI		JK		UTU-33433			
APPLICATION FOR PERMIT T		L OR REEN	TER	6. If Indian, Allottee	or Tribe	Name	
la. Type of Work: X DRILL RE	ENTER	<u> </u>		7. If Unit or CA Ag	reement, ì	Name and No.	
				8. Lease Name and	Well No.		
b. Type of Well: Oil Well X Gas Well Other		Single Zone	Multiple Zone	BONAN	ZA 102	23-5H	
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.				9. API Well No.	 )4フ-び	37320	
3A. Address	3b. Phone N	lo. (include area co	ode)	10. Field and Pool, o	r Explora	itory	
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		(435) 781-7			ure	() Burys	
4. Location of Well (Report location clearly and in accordance with At surface SENE 1817' FNL 571' FEL 64(5.5)	any State req <b>L</b>			11. Sec., T., R., M., SEC 5-	or Blk, an <b>T10S-R</b>		
At proposed prod. Zone 44261		-109.342	690				
14. Distance in miles and direction from nearest town or post office 25.5 MILES SOUTHEAST OF OURAY, UTAH	,			12. County or Parish UINTAH		13. State UT	
15. Distance from proposed*	16. No. of /	Acres in lease	17. Spacing Unit de	dicated to this well			
property or lease line, ft. (Also to nearest drig. unit line, if any)	1	922.95		40			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  TOPO C	19. Propose	ed Depth 8450'	20. BLM/BIA Bond	No. on file CO-1203			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5334.6' GL	22. Approx	imate date work wi UPON APPRO		23. Estimated duration TO BE D		IINED	
	24. /	Attachments					
The following, completed in accordance with the requirements of On	shore Oil and	Gas Order No. 1, s	shall be attached to thi	s form:			
1. Well plat certified by a registered surveyor.		4. Bond to co		iless covered by an exis	ting bond	on file (see	
<ol> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System I</li> </ol>	ands the	5. Operator ce	•				
SUPO shall be filed with the appropriate Forest Service Office.	zands, me	1 *	site specific information	on and/or plans as may	be require	ed by the	
		<u> </u>			Date		
25. Signature	l Nai	me <i>(Printed/Typed)</i> <b>DF</b>	EBRA DOMENIO	i		)/18/2005	
Title	ATE ENV	IRONMENTAL	ANALYST				
Approved by Minguind	! Nai	me (Printed/Typed) EY G. HIL			Date	26.05	
Title EN	IRONME	NTAL SCIENTIS	ST III				

operations thereon.

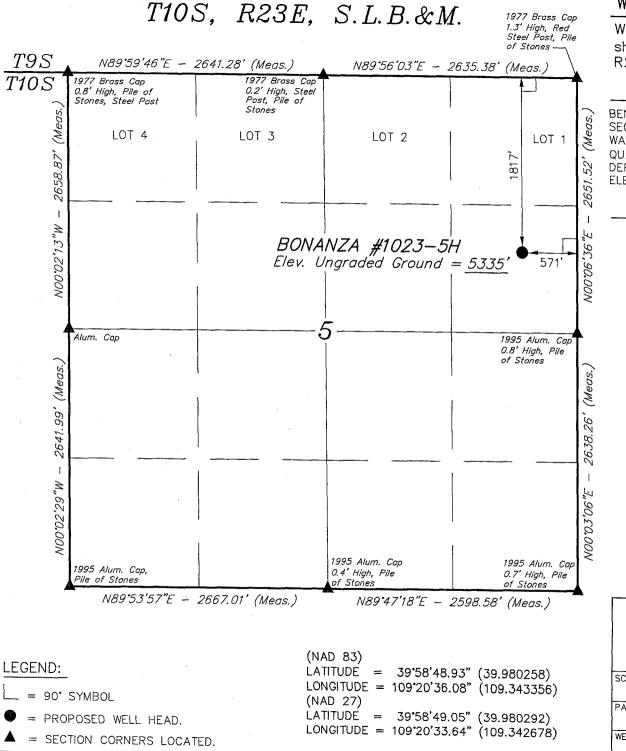
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

\*(Instructions on reverse)

Federal Approval of this Action is Necessary RECEIVED OCT 2 4 2005



### WESTPORT OIL AND GAS COMPANY, L.P.

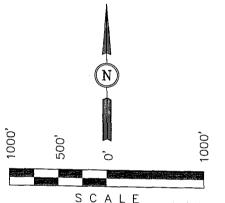
Well location, BONANZA #1023-5H, located as shown in the SE 1/4 NE 1/4 of Section 5, T10S, R23E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND GORRECT TO THE BEST OF MY KNOWLEDGE AND BELLE

REGISTERED LAND SURVEYOR REGISTRATION NO 161319 STATE OF UTAH

### Uintah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'		JRVEYED: 24-05	DATE DRAWN: 09-08-05			
	°.M. G.	REFERENCES G.L.O. PLAT				
WEATHER WARM	FILE WESTPORT OIL	AND GAS	COMPANY, L.P.			

#### BONANZA 1023-5H SENE SEC 5-T10S-R23E UINTAH COUNTY, UTAH UTU-33433

#### **ONSHORE ORDER NO. 1**

#### DRILLING PROGRAM

#### 1. Estimated Tops of Important Geologic Markers:

Formation	<u>Deptii</u>
Uinta	0- Surface
Green River	1330'
Wasatch	4260'
Mesaverde	6530'
TD	8450'

#### 2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1330'
Gas	Wasatch	4260'
Gas	Mesaverde	6530'
Water	N/A	
Other Minerals	N/A	

#### 3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

#### 4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

#### 5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

#### 6. Evaluation Program:

Please refer to the attached Drilling Program.

#### 7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8450' TD, approximately equals 3380 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1521 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

#### 8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

#### 9. <u>Variances:</u>

Please refer to the attached Drilling Program.

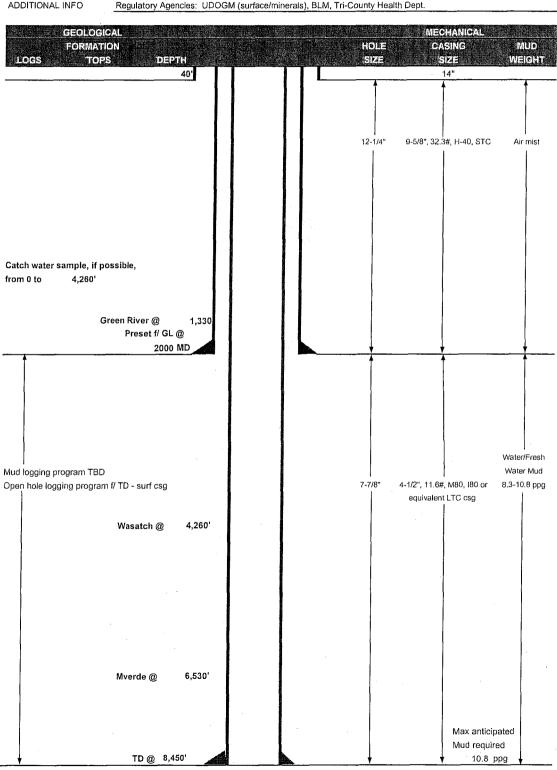
#### 10. Other Information:

Please refer to the attached Drilling Program.



# Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME Westport Oil and Gas Co., L.P.				DATE	Septemb	er 27, 2005		
WELL NA	AME I	BONANZA 1023-5H		TD	8,450	MD/TVD		
FIELD	Natural Butte	s COUNTY Uintah	STATE Utah	1	ELEVATION	5,335' GL	KE	5,350'
SURFAC	E LOCATION	SENE SECTION 5-T10S-R23E 1	1817'FNL & 571'F	EL	, 		BHL	Straight Hole
		Latitude: 39.980258 Longit	ude: 109.3433	356				
OBJECT	IVE ZONE(S)	Wasatch/Mesaverde						
ADDITIO	NAL INFO	Regulatory Agencies: UDOGM (s	surface/minerals)	, BLM.	Fri-County Hea	alth Dept.		







### Westport Oil and Gas Company, L.P.

#### DRILLING PROGRAM

#### CASING PROGRAM

								DESIGN FACTORS		
	SIZE	II.	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2000	32.30	H-40	STC	0.79****** 7780	1.58 6350	4.49 201000
PRODUCTION	4-1/2"	0	to	8450	11.60	M-80 or I-80	LTC	2.70	1.34	2.35

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP

2887 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1:13 psi/ft.

#### CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	BX0:888	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
٠ .	FOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + :25 pps flocele				
T	FOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	Į		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	,
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
•	,		+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	ТОР ОИТ СМТ	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	l LEAD	3,760'	Premium Lite II + 3% KCI + 0.25 pps	390	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	1				11		
	TAIL	4,690'	50/50 Poz/G + 10% salt + 2% gel	1310	60%	14.30	1.31

<sup>\*</sup>Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

#### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

#### ADDITIONAL INFORMATION

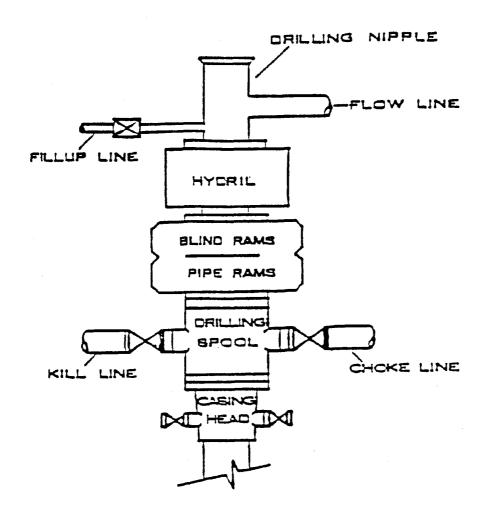
		nnular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling ou					
	tour sheet. Function test r	ams on each trip. Maintain safety valve & inside BOP on rig floor at all times.	Kelly to be equipped with upper				
	& lower kelly valves.						
	Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.						
	Most rigs have PVT Syste	ns for mud monitoring. If no PVT is available, visual monitoring will be utilized	1.				
RILLING	ENGINEER:	·	DATE:				
		Brad Laney					
RILLING	SUPERINTENDENT:		DATE:				

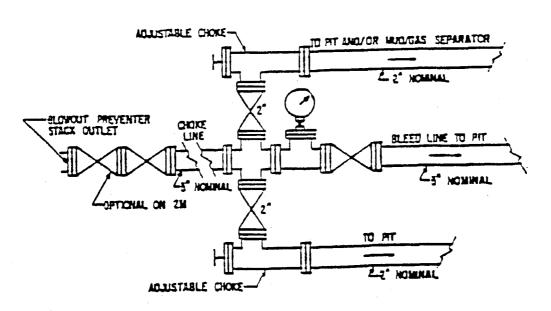
1023-5H APD.xls

Randy Bayne

<sup>\*</sup>Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

#### EOP STACK





#### BONANZA 1023-5H SENE SEC 5-T10S-R23E UINTAH COUNTY, UTAH UTU-33433

#### ONSHORE ORDER NO. 1

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

#### 2. Planned Access Roads:

The proposed access road is approximately 230' +/-. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

#### 3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

#### 4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

#### Exceptions to Best Management Practices (BMPs) Requested:

Approximately 27' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil type has a poor history for successful rehabilitation.

#### 5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

#### 6. Source of Construction Materials.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

#### 7. <u>Methods of Handling Waste Materials</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site:

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

#### 8. Ancillary Facilities:

None are anticipated.

#### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

#### 10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring of the pit, the stockpiled topsoil will be spread evenly over the location up to the rig anchor points, the location shall be reshaped to the

original contour to the extent possible, and the location will be reseeded with Crested Wheatgrass using appropriate reclamation methods.

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

#### 11. Surface Ownership:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435) 789-1362

#### 12. Other Information:

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

#### **Seed Mixture:**

The following seed mixture will be used during interim reclamation:

Crested Wheatgrass

6 lb/acre

Needle and Thread Grass

6 lb/acre

Operator will contact the BLM for the seed mixture when final reclamation of the location occurs.

#### 13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil &Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Delra Domenici

October 18, 2005

Date

# WESTPORT OIL AND GAS COMPANY, L.P. BONANZA #1023-5H SECTION 5, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 230' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.5 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-5H LOCATED IN UINTAH COUNTY, UTAH SECTION 5, T10S, R23E, S.L.B.&M.

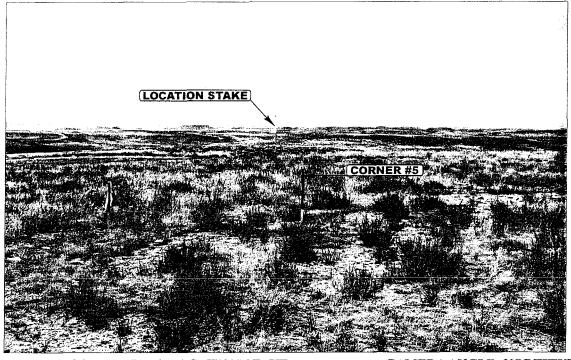


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

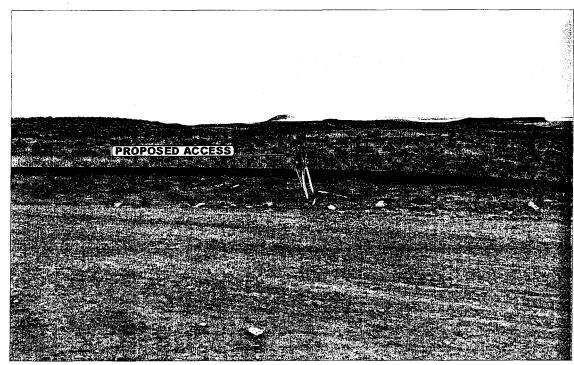


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

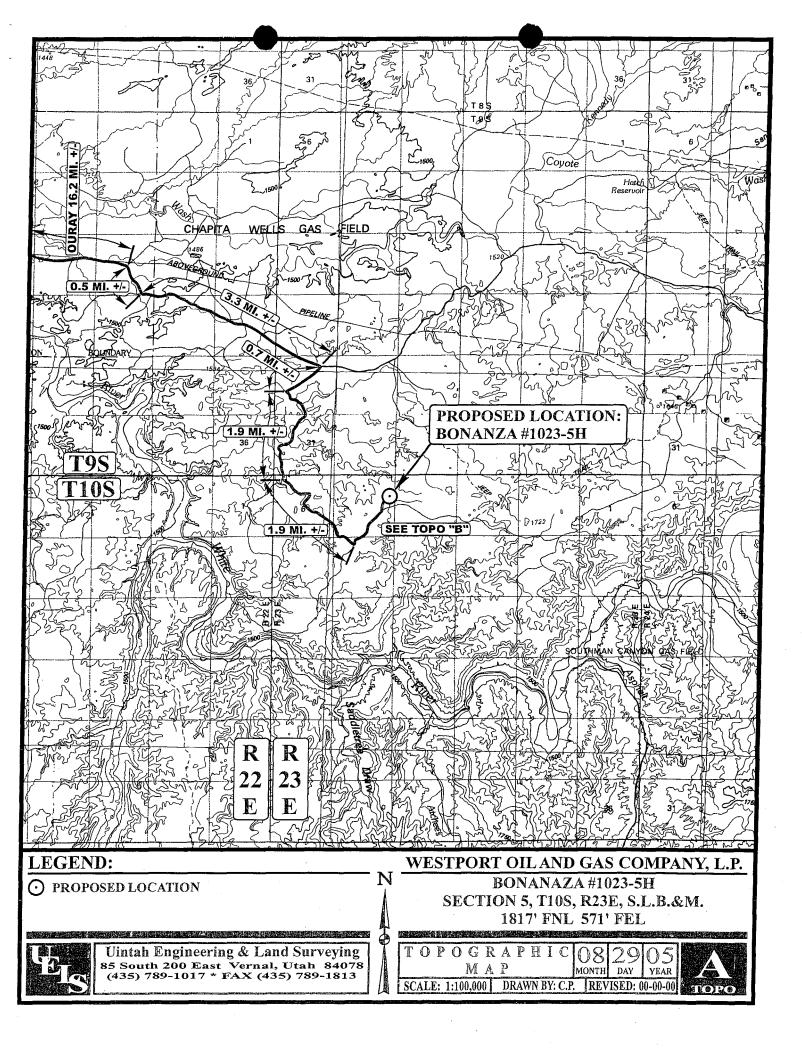
**CAMERA ANGLE: EASTERLY** 

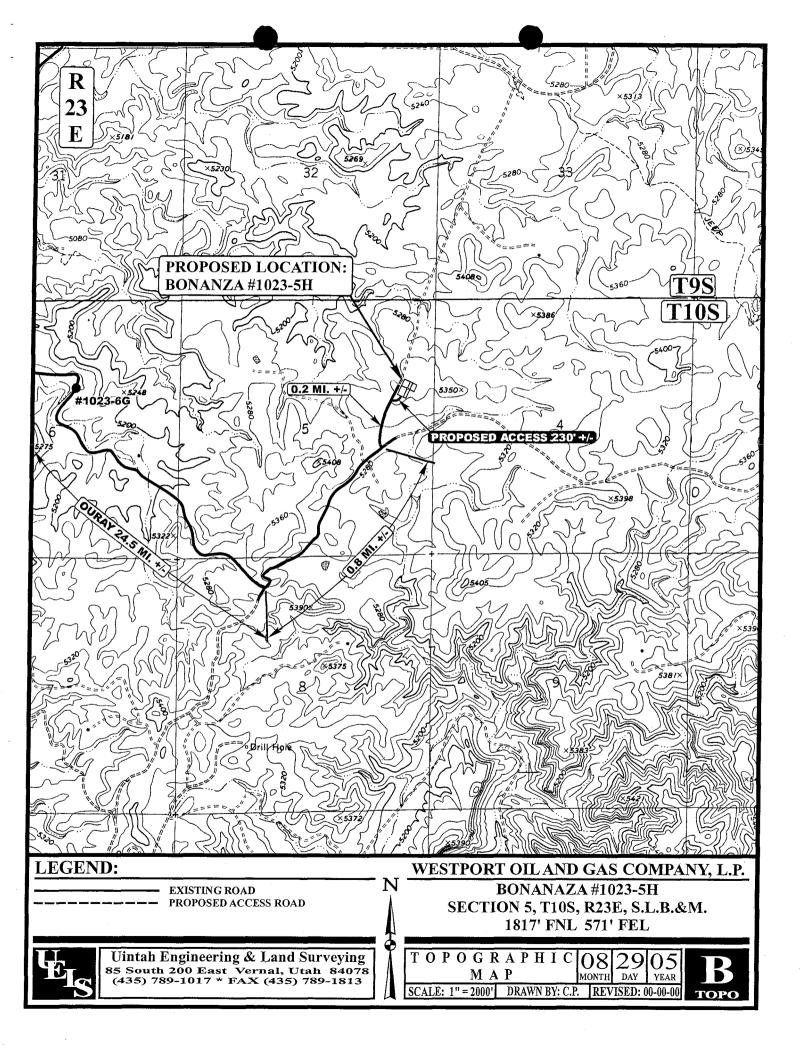


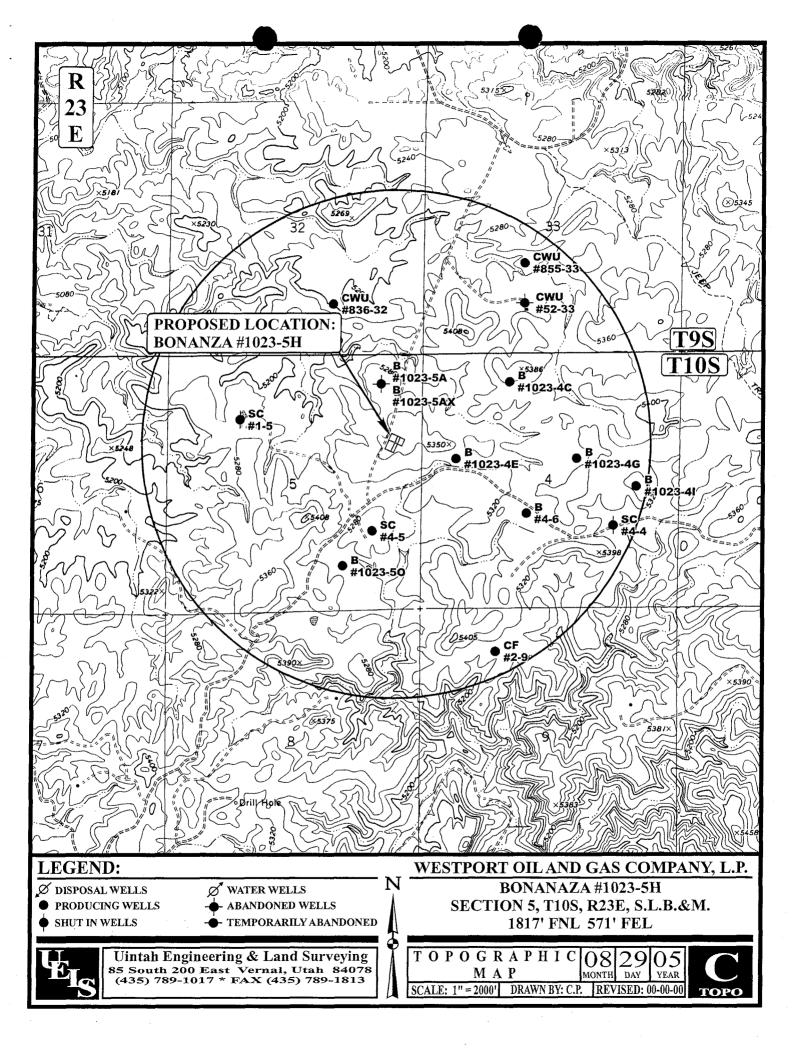
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

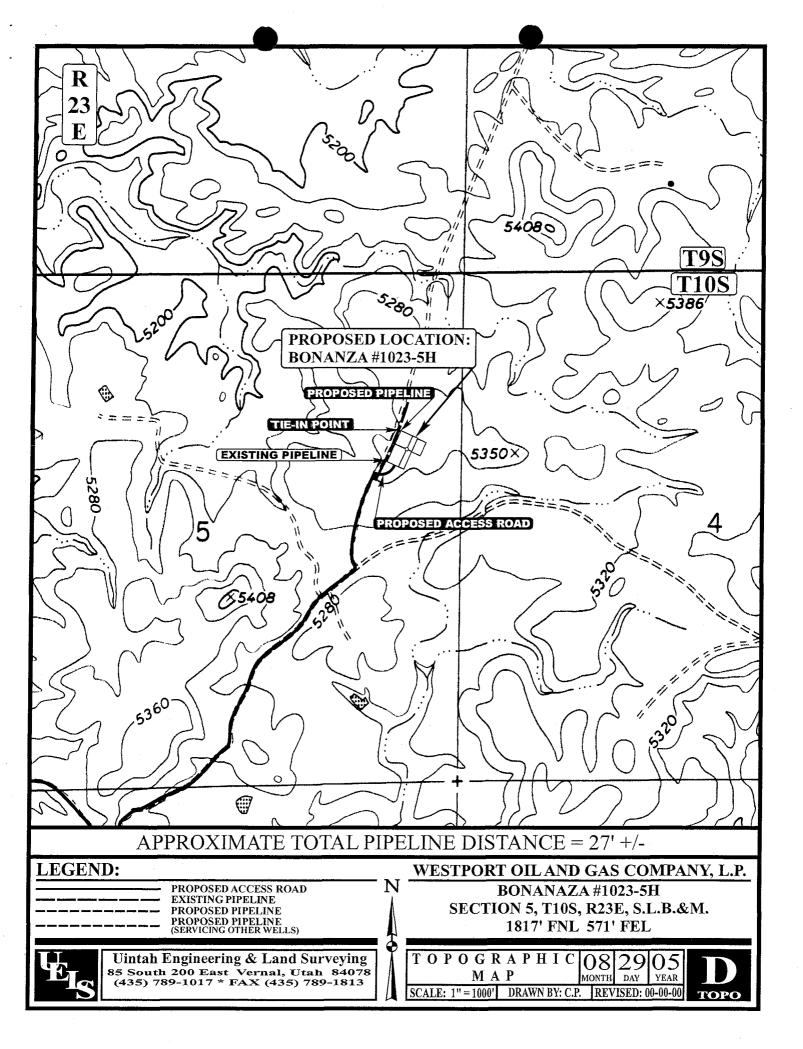
LOCATION PHOTOS OS 29 O5
MONTH DAY YEAR
TAKEN BY: D.K. | DRAWN BY: C.P. | REVISED: 00-00-00

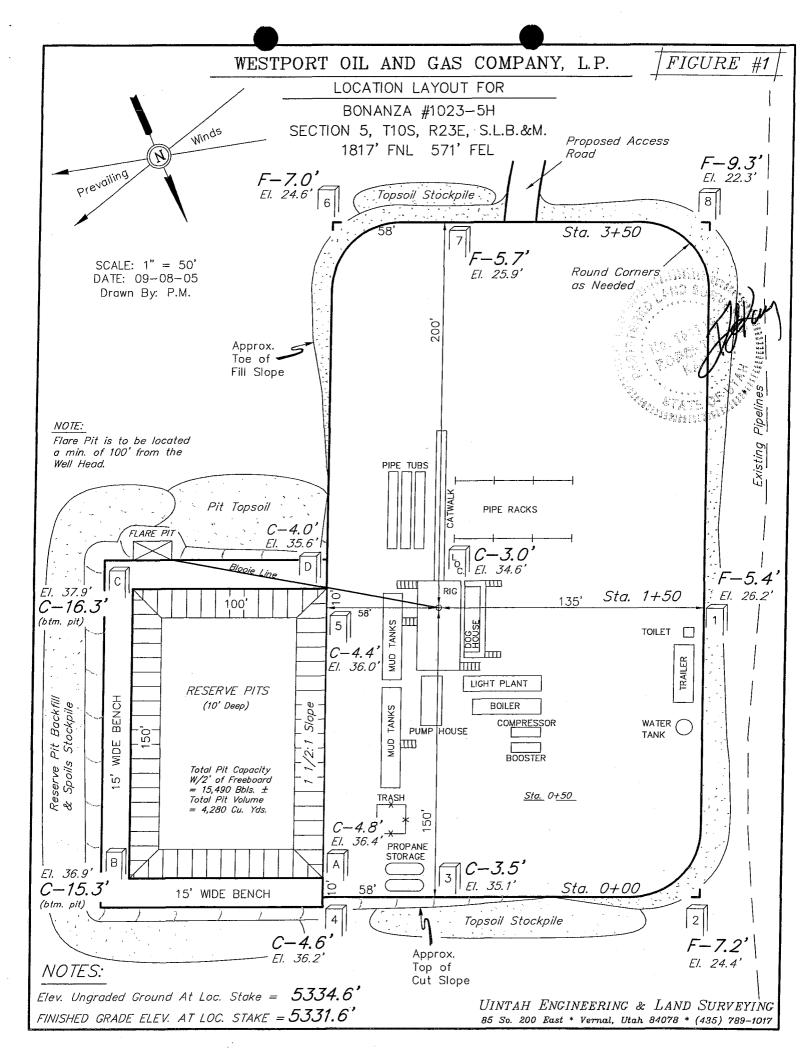
**PHOTO** 

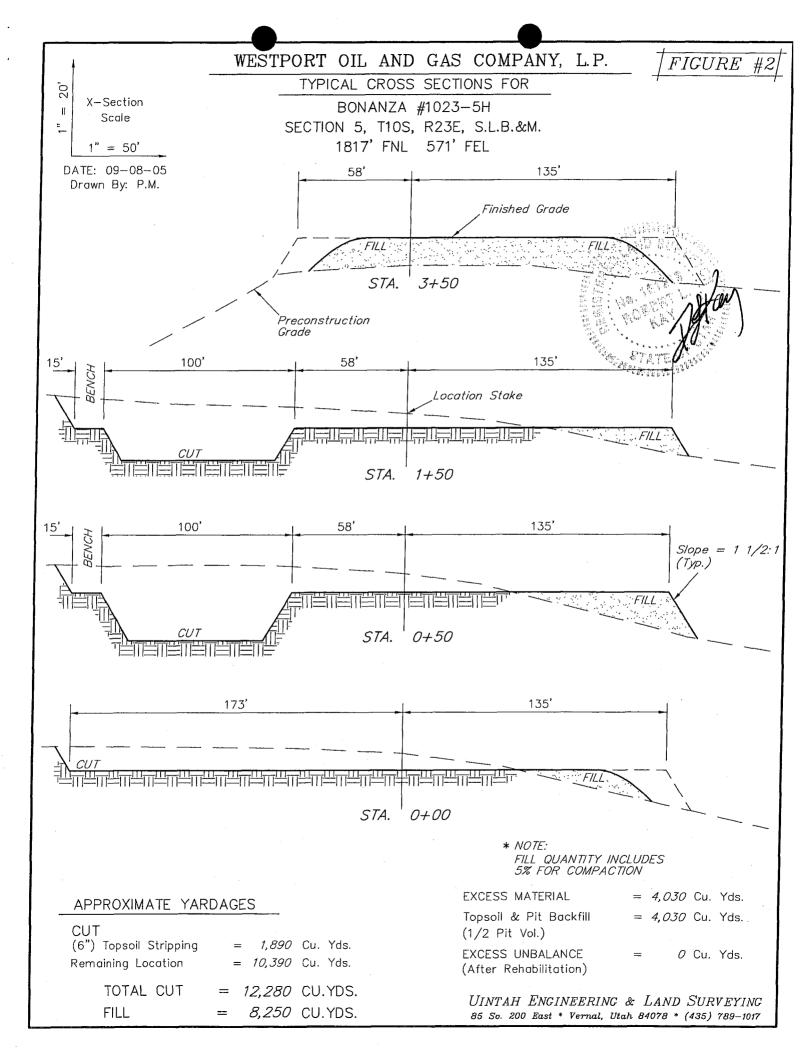




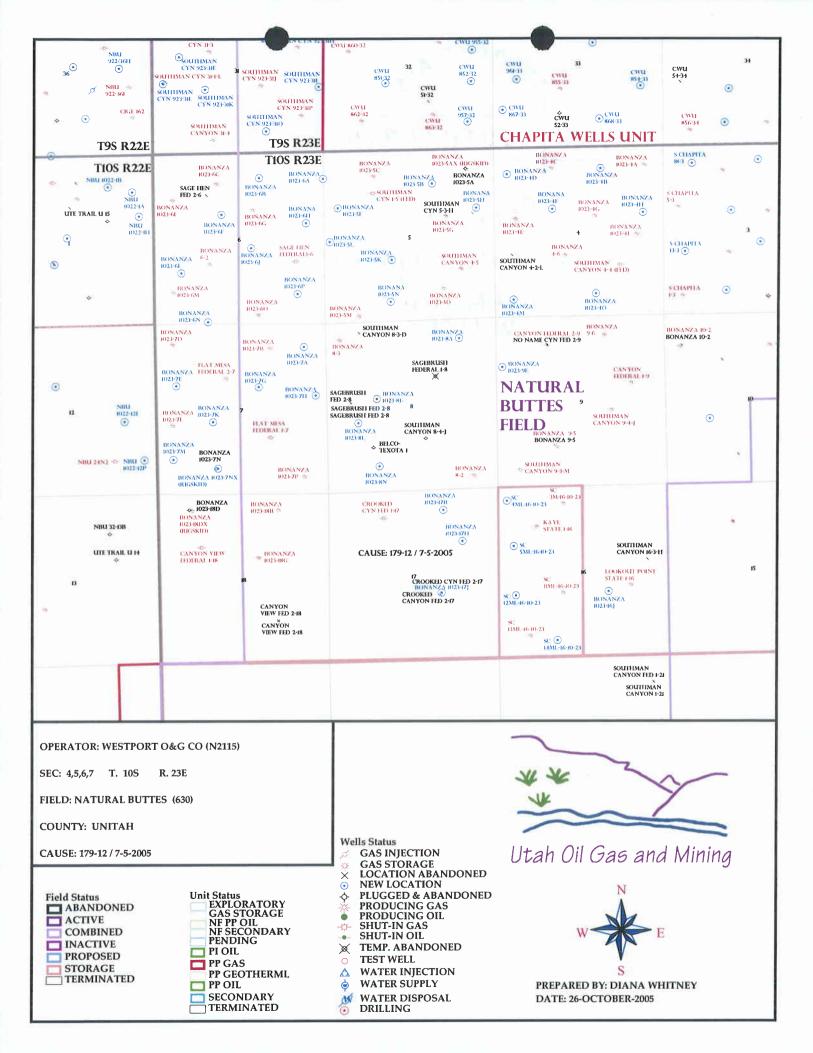








APD RECEIVED: 10/24/2005	API NO. ASSIGNED: 43-047-37320
WELL NAME: BONANA 1023-5H  OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  CONTACT: DEBRA DOMENICI  PROPOSED LOCATION:  SENE 05 100S 230E  SURFACE: 1817 FNL 0571 FEL  BOTTOM: 1817 FNL 0571 FEL  UINTAH  NATURAL BUTTES ( 630 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-33433  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: WSMVD	PHONE NUMBER: 435-781-7060  INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 39.98033
COALBED METHANE WELL? NO	LONGITUDE: -109.3427
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. CO-1203  N Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-8496  N RDCC Review (Y/N)  (Date:)  NR Fee Surf Agreement (Y/N)  NR Intent to Commingle (Y/N)	LOCATION AND SITING:
STIPULATIONS:	





State of Utah

Department of **Natural Resources** 

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > October 26, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re:

Bonanza 1023-5H Well, 1817' FNL, 571' FEL, SE NE, Sec. 5, T. 10 South, R.

23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37320.

Sincerely,

Gil Hunt

Associate Director

mf **Enclosures** 

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP					
Well Name & Number_	Bo	nanza 1023-5H				
API Number:	43-	-047-37320				
Lease:	UT	`U-33433				
Location: SE NE	Sec. 5	<b>T.</b> 10 South	R. 23 East_			

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

# ROUTING 1. DJJ 2. CDW

#### X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	<del></del>	·	1/6/2006		
FROM: (Old Operator):	<b>TO:</b> ( New O	nerator).	~! V! # VV		
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M	-	& Gas Onsho	e I P	
1368 South 1200 East		South 1200		.0, 1.1	
Vernal, UT 84078		UT 8407			
Phone: 1-(435) 781-7024	Phone: 1-(435)		o .		
CA No.	Unit:	701-7024	·		
WELL NAME SEC TWN RNG		ENTITY	LEASE	WELL	WELL
		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	erator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation was received from the			5/10/2006	-	
3. The new company was checked on the Department of Commerce,	-				3/7/2006
	Business Numb		1355743-018		
4b. If NO, the operator was contacted contacted on:				•	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	•			
5c. Reports current for Production/Disposition & Sundries on:	ok	-			
6. Federal and Indian Lease Wells: The BLM and or the B	IA has appro	ved the r	nerger, nan	ne chan	ge.
or operator change for all wells listed on Federal or Indian leases or	1:	BLM	3/27/2006		not yet
7. Federal and Indian Units:				·	
The BLM or BIA has approved the successor of unit operator for	wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("C	CA"):				
The BLM or BIA has approved the operator for all wells listed with			n/a		
9. Underground Injection Control ("UIC") The Div	vision has appro	oved UIC F	orm 5, Trans	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ter disposal wel	l(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Spr			5/15/2006		
3. Bond information entered in RBDMS on:	5/15/2006				
4. Fee/State wells attached to bond in RBDMS on:	5/16/2006	,			
5. Injection Projects to new operator in RBDMS on:	·				
6. Receipt of Acceptance of Drilling Procedures for APD/New on:		n/a	Name Chan	ge Only	
BOND VERIFICATION:					
1. Federal well(s) covered by Bond Number:	CO1203				
	RLB0005239				
3. (R649-3-1) The <b>NEW</b> operator of any fee well(s) listed covered by			RLB0005236	5	
a. The <b>FORMER</b> operator has requested a release of liability from their	r bond on:	n/a	_rider added	KMG	
The Division sent response by letter on:  LEASE INTEREST OWNER NOTIFICATION:					
4. (R649-2-10) The <b>FORMER</b> operator of the fee wells has been conta	oted and inform	and by a le	tton from 41- 1	Vivial ar	
of their responsibility to notify all interest owners of this change on:	olou and miorn	1ea by a let 5/16/2006		JIVISION	
COMMENTS:		2/10/2000			

<sup>4</sup> Form 3160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDOV NOTICES AND DEDODES ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

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SUNDKT	NOTICES AND REPORTS	MULTIPLE LEASES			
	form for proposals to Use Form 3160-3 (APD) i	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPL	ICATE – Other instruc	7. If Unit or CA/Agreement, Name and/or No.			
I. Type of Well					
Oil Well X Gas Well	Other Other	8. Well Name and No.			
2. Name of Operator		MUTIPLE WELLS			
KERR-McGEE OIL & GAS C			<del>,                                     </del>	9. API Well No.	
	<b>1</b>	b. Phone No. (inclu	de area code)	10 5' 11 15 1 5	
1368 SOUTH 1200 EAST V 4. Location of Well (Footage, Sec.,	<del></del>	(435) 781-7024		10. Field and Pool, or Expl	oratory Area
4. Execution of Well (1 boinge, Bee.,	1., It., III., or but vey Description	,		11. County or Parish, State	
SEE ATTACHED					
				UINTAH COUNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE NATURE	OF NOTICE, I	REPORT, OR OTHER DA	TA
TYPE OF SUBMISSION		TY	PE OF ACTIO	N	
Notice of Intent	Acidize	Deepen T		·	Shut-Off
Subsequent Report	Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Recomplete Other CHANGE OF Change Plans Plug and Abandon Temporarily Abandon OPERATOR				CHANGE OF
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dis	•	ATOK
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAKERR-McGEE OIL & GAS OF THE LEASE(S) FOR THE IS PROVIDED BY STATE OF BLM BALM BALM BALM BALM BALM BALM BALM	T KERR-McGEE OIL & C CHED WELL LOCATION DNSHORE LP, IS RESP E OPERATIONS COND	GAS ONSHORE NS. EFFECTIVE ONSIBLE UNDE UCTED UPON L BOND NO. RLBO	LP, IS CONS JANUARY 6 R TERMS AI EASE LAND	SIDERED TO BE THE 6, 2006. ND CONDITIONS IS. BOND COVERAGE	RECEIVED MAY 1 0 2006
14. I hereby certify that the foregoin		——— Div		Gas and Mining	
Name (Printed/Typed)		1 *****		Engineering Technici	an
RANDY BAYNE		DRILLING MAI	NAGER		
Kanky Same		May 9, 2006			
	THIS SPACE	FOR FEDERAL OR	STATE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduc	itable title to those rights in the subject operations thereon.	ct lease			
Title 18 U.S.C. Section 1001, make	it a crime for any person know	ringly and willfully to	make to any dep	partment or agency of the Un	ited States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

#### SUNDRY NOTICES AND REPORTS ON WELLS

SUNDRY	MULTIPLE LEASES						
	form for proposals to				6. If Indian, Allottee or Tribe Name		
abandoned well.	Use Form 3160-3 (APD)	for su	ch proposal	s.			
SUBMIT IN TRIPL	ICATE – Other instruc	ctions	on revers	e side	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well							
Oil Well X Gas Well	Other			·	8. Well Name and No.		
2. Name of Operator					MUTIPLE WELLS		
WESTPORT OIL & GAS CO	MPANY L.P.	[			9. API Well No.		
3a. Address	(EDMA) UT 04070	1	ione No. (includ	de area code)			
4. Location of Well (Footage, Sec.,			781-7024	······································	10. Field and Pool, or Exploratory Area		
4. Location of well (rootage, Sec.,	1., K., M., or Survey Description	n)					
SEE ATTACHED					11. County or Parish, State		
OLL ATTACHLE					UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO II	NDICA'	TE NATURE	OF NOTICE, R	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION			TY	PE OF ACTION			
Notice of Intent	Acidize	Dec	pen	☐ Production	(Start/Resume) Water Shut-Off		
_	Alter Casing	=	ture Treat	Reclamation			
Subsequent Report	Casing Repair	=	Construction	Recomplete	<b>C</b>		
D Final Abandanment Nation	Change Plans	_	and Abandon	Temporarily			
Final Abandonment Notice	Convert to Injection		Back	Water Disp	osal  ny proposed work and approximate duration thereof		
Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	rk will be performed or provide the operations. If the operation result bandonment Notices shall be filed and inspection.	he Bond I ts in a mu I only aft	No. on file with ultiple completion or all requiremen	BLM/BIA. Requir n or recompletion in nts, including reclar	e vertical depths of all pertinent markers and zones, ed subsequent reports shall be filed within 30 days n a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has		
THE OPERATORSHIP OF TONSHORE LP.							
ONSMORE LP.	APPR	OVE	D 5/	16106			
	Ω	Λ		10100	RECEIVED		
	Ca	rlen	e Kuss	sell	•		
	Division	of Oll,	Gas and M	lining ng Technician	MAY 1 0 2006		
	Earlene R	Russell	Engineerin	ng Technician	DAY OF OH, OAG S SHOWN		
14. I hereby certify that the foregoing	g is true and correct				DIV OF OIL, GAS & MINING		
Name (Printed/Typed)							
BRAD LANEY ENGINEERING SPECIAL Signature Date				SPECIALIST	T		
Signature Date May 9, 2006							
	THIS SPACE	FOR FI	DERAL OR S	STATE USE			
Approved by			Title		Date		
Grad Jany					5-9-06		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal of equitable title to those rights in the subject lease							
which would entitle the applicant to conduc	t operations thereon.						
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any							

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



#### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. ai.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700

Oil & Gas

Denver, CO 80202

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



## United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

ĊC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

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Form 3 160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

11T11\_33433

SUNDRY NOTICES AND REPORTS ON WELLS					010-33433			
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.						6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE – Other instructions on reverse side						7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well								
Oil Well X Gas Well	Other				8. Well Name and No.			
2. Name of Operator					BONANZA			
KERR McGEE OIL AND GA	S ONSHORE LP				9. API Well N			
3a. Address				de area code)	430473732			
1368 SOUTH 1200 EAST VE	ERNAL, UT 84078	435-78	1-7003		1	Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Descripti	on)			UNDESIG			
1817' FNL 571' FEL					11. County or	Parish, State		
SENE SEC 5-T10S-R23E					UINTAH			
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICAT	E NATURE	OF NOTICE, R	EPORT, OR C	OTHER DATA		
TYPE OF SUBMISSION			TY	PE OF ACTION	1			
Notice of Intent Acidize Deepen Alter Casing Fracture  Subsequent Report Casing Repair New Co			ure Treat Construction	nstruction Recomplete X Other APD EXTENS				
Final Abandonment Notice  13. Describe Proposed or Completed Ope	Change Plans Convert to Injection	Plug	and Abandon Back	Water Disp	oosal			
If the proposed of Completed Ope If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin THE OPERATOR REQUES LOCATION SO THAT THE APPROVED BY THE DIVIS	rk will be performed or provide operations. If the operation restandonment Notices shall be final inspection.  TS AUTHORIZATION DRILLING OPERATION	the Bond Noults in a mulled only afte	o. on file with tiple completion all requirements  ONE YEAI  BE COM	REMBIA Requestion or recompletion ents, including reclarations. REXTENSIC PLETED. THE TOBEARS 10 PLETED TOBEARS 10 PLETE	in a new interval amation, have been	en completed, and the operator has  E SUBJECT WELL  L APD WAS		
	10-19-0			Olan	Division of and Mini			
14. I hereby certify that the foregoing is true and correct  Name (Printed/Typed)  Title					LATORY CI	LERK		
Signature DAMA	11 1/1500	Date	:		EMBER 21,			
	THIS SPACE	CE FOR FE	DERAL OR	STATE USE				
Approved by	1		Title		Date			
Apploton of								
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to condu	litable title to those rights in the section of the	subject lease	Office			and of the United States any		
Title 18 U.S.C. Section 1001, make	e it a crime for any person k	nowingly a	na wilituliy t	o make to any de	harmient of age	mey of the Office States any		

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304737320 Well Name: BONANZA 1023-5H							
Location: SENE SEC 5-T10S-R23E  Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP  Date Original Permit Issued: 10/26/2005							
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.							
Following is a checklist of some items related to the application, which should be verified.							
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☑							
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑							
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□ No ☑							
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑							
Has the approved source of water for drilling changed? Yes□No☑							
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑							
Is bonding still in place, which covers this proposed well? Yes ☑No ☐							
Signature 9/21/2006 Date							
Signature Date							
Title: REGULATORY CLERK							
Representing: KERR MCGEE OIL AND GAS ONSHORE L							

Form 3160-3 (August 1999)

# **UNITED STATES**

OCT 1 9 2005

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

UTU-33433

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO I	DRILL	OR	REENTER	ł
-----------------------------	-------	----	---------	---

la. Type of Work: X DRILL RE	7. If Unit or CA Agreemen	t, Name and No.		
b. Type of Well: Oil Well Y Gas Well Other	Single Zone	Multiple Zone	8. Lease Name and Well N BONANZA 1	
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP			9. API Well No.	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area (435) 781		10. Field and Pool, or Explo	oratory
4. Location of Well (Report location clearly and in accordance with At surface SENE 1817' FNL 571' FEL	<u> </u>		11. Sec., T., R., M., or Blk, and Survey or Area SEC 5-T10S-R23E	
At proposed prod. Zone  14. Distance in miles and direction from nearest town or post office*  25.5 MILES SOUTHEAST OF OURAY, UTAH	<b>k</b>		12. County or Parish UINTAH	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in lease	17. Spacing Unit de	dicated to this well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  TOPO C	1 0/50! I #//X# 1/E/C2161			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5334.6' GL	22. Approximate date work UPON APP		23. Estimated duration TO BE DETERMINED	
	24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

35 Simple for	Name (Printed/Typed)	Date
25. Signled Hoople	RAMEY HOOPES	4/13/2006
Title		•
	REGULATORY CLERK	
Approved by (Signajure)	Name (Printed/Typed)	Date
As Kanad	JERRY KEWORKA	2/23/2007
Title Assistant Field Manager	Office VERNAL FIELD OFFICE	, ,
Lands & Mineral Resources	A STATE OF THE PARTY OF THE PAR	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

MAR 0 € 2007

DIV. OF OIL, CLAS & MINING



NDITIONS OF APPROVAL ATTACHED

105 9/19/05



### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**VERNAL FIELD OFFICE** 

170 South 500 East **VERNAL, UT 84078**  (435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Location:

**SENE, Sec 5, T10S, R23E** 

Well No:

Bonanza 1023-5H

Lease No: UTU-33433

API No:

43-047-37320

Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer	Iim Ashlev	Office: 435-781-4470	

Petroleum Engineer:

Supervisory Petroleum Technician: **Environmental Scientist:** 

Office: 435-781-4502 Jamie Sparger Paul Buhler Office: 435-781-4475 Cell: 435-828-3913

**Environmental Scientist:** 

Karl Wright Office: 435-781-4484 Cell: 435-828-4029

Natural Resource Specialist:

Holly Villa

Office: 435-781-4404

435-828-7381

Natural Resource Specialist:

Melissa Hawk Darren Williams Office: 435-781-4476 Office: 435-781-4447

Natural Resource Specialist: After Hours Contact Number: 435-781-4513

Fax: 435-781-4410

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Forty-Eight (48) hours prior to construction of location and access roads. **Location Construction** (Notify Environmental Scientist)

**Location Completion** 

Prior to moving on the drilling rig.

(Notify Environmental Scientist)

Spud Notice

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing

Twenty-Four (24) hours prior to running casing and cementing all casing

(Notify Supervisory Petroleum Technician) strings.

Twenty-Four (24) hours prior to initiating pressure tests. BOP & Related Equipment Tests -(Notify Supervisory Petroleum Technician)

First Production Notice (Notify Petroleum Engineer) Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: Bonanza 1023-5H

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC CONDITIONS OF APPROVAL

- 1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- 2. The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- 3. Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

#### GENERAL SURFACE CONDITIONS OF APPROVAL

1. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 3 of 6 Well: Bonanza 1023-5H

#### **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

COAs: Page 4 of 6 Well: Bonanza 1023-5H

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

- 7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- 8. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- 9. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- 10. A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- 11. Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- 12. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- 13. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

COAs: Page 5 of 6 Well: Bonanza 1023-5H

14. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- 15. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 16. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 17. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 18. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

COAs: Page 6 of 6 Well: Bonanza 1023-5H

19. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

20. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3 160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-33433

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6	. If Indian,	Allottee or Tribe Name
SUBMIT IN TRIPLI	CATE – Other instruct	ions	on revers	e side	7	. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well  Oil Well  Gas Well	Other				8	. Well Nam	e and No.
2. Name of Operator					E	BONANZA	. 1023-5H
KERR McGEE OIL AND GA	S ONSHORE LP				9	API Well	No.
3a. Address	i i		one No. (includ	de area cod		30473732	
1368 SOUTH 1200 EAST VE			31-7003				Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)						BUTTES
1817'FNL-571'FEL					1	1. County or	Parish, State
SENE SEC 5-T10S-R23E					L	JINTAH, L	JTAH
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICAT	E NATURE	OF NOTI	CE, REI	PORT, OR	OTHER DATA
TYPE OF SUBMISSION			TY	PE OF AC	CTION		
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	] New	ture Treat Construction	Reci	lamation omplete	tart/Resume)	Well Integrity  Other APD EXTENSION
Final Abandonment Notice	Change Plans Convert to Injection	_ ~	and Abandon Back		porarily A er Dispos		DOGM
13. Describe Proposed or Completed Oper							le and approximate duration thereof
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final All determined that the site is ready for fin	lly or recomplete horizontally, give k will be performed or provide the operations. If the operation results andonment Notices shall be filed	subsurfi Bond N in a mu	ace locations and No. on file with altiple completio	d measured BLM/BIA. on or recomp	and true v Required pletion in a	vertical depths I subsequent ro a new interval	of all pertinent markers and zones, eports shall be filed within 30 days , a Form 3160-4 shall be filed once
THE OPERATOR REQUEST LOCATION SO THAT THE I APPROVED BY THE DIVISI	DRILLING OPERATION	S MA	Y BE COM	PLETED	NSION ). THE	ORAGINA Utah	Wed by the Division of
						Oii, Ga	s and Mining
9-38-07					Da By	ite: 09	-27-P
14. I hereby certify that the foregoing	is true and correct					<del></del>	
Name (Printed/Typed)REBECCA	WORTHEN	Title	;		LAND:	SPECIAL	IST
Signature Heleun	Northen	Date	;	;	Septen	nber 17, 2	007
	THIS SPACE	FOR FE	DERAL OR	STATE US	SE		
Approved by			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to conductive the same of the conductive that the conductive the conductive that the conductive that the conductiv	itable title to those rights in the subje	rrant or ct lease	Office				
Title 18 U.S.C. Section 1001, make	it a crime for any person know				my depar	tment or age	ncy of the United States any

RECEIVED SEP 2 5 2007

# Application for Permit to Drill Request for Permit Extension

#### **Validation**

(this form should accompany the Sundry Notice requesting permit extension)

	4304737320 BONANZA 1023-5H	ч				
Location:	SENE, SEC 5-T10S-					
		KERR-MCGEE OIL AND	GAS ONSHORE LP			
	Permit Issued:					
above, hereby	verifies that the	n legal rights to drill on t information as submitte mains valid and does n				
Following is a verified.	checklist of some	e items related to the a	pplication, which should be			
•	rivate land, has tl en updated? Yes	he ownership changed □ No ☑	, if so, has the surface			
•		the vicinity of the proponts for this location? Ye	sed well which would affect es ☐ No ☑			
		er agreements put in pl proposed well? Yes⊡ N	ace that could affect the lo☑			
		to the access route incloroposed location? Yes	luding ownership, or right- □ No ☑			
Has the appro-	ved source of wa	ater for drilling changed	? Yes□No☑			
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑						
Is bonding still	in place, which o	covers this proposed w	ell? Yes ☑ No □			
Peter	1. Wather		9/17/2007			
Signature	, ·		Date			
Title: LAND SE	PECIALIST					
Representing:	Kerr McGee Oil an	nd Gas Onshore LP				

RECEIVED SEP 2 5 2007 Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0135
Expires Inovember 30, 2000

BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-33433

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottes of Type Name PH 4: 03

SUBMIT IN TRIPL	ICATE – Other instru	ctions on reverse	side	7. If Unit or CA/Agreement, Name and/or Noing BUREAU OF LAND MGM
1. Type of Well Oil Well Gas Well 2. Name of Operator  KERR McGEE OIL AND GA	Other			8. Well Name and No.  BONANZA 1023-5H  9. API Well No.
3a. Address  1368 SOUTH 1200 EAST VI  4. Location of Well (Footage, Sec., 1)	3b. Phone No. (included) 435.781.7024	le area code)	4304737320 10. Field and Pool, or Exploratory Area	
SE/NE SEC. 5, T10S, R23E	1817'FNL, 571'FEL		OF NOTICE B	NATURAL BUTTES  11. County or Parish, State  UINTAH, UTAH  REPORT, OR OTHER DATA
TYPE OF SUBMISSION	ROI KIATE BOX(ES) TO		PE OF ACTION	
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplet Temporari Water Disp	Other BLM APD ly Abandon EXTENSION cosal
				any proposed work and approximate duration thereof.  we vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE ON 02/23/2007.

# CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct							
Name (Printed/Typed)	itle						
SHEILA UPCHEGO	SENIOR LAND ADMIN SPECIALIST						
Signature Milliam (MM)	February 5, 2008						
THIS SPACE FOR FEDERAL OR STATE USE							
Approved by Max Roles F	Petroleum Engineer FEB 1 3 2008						
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.							
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly false, fictitious or fraudulent statements or representations as to any matter	and willfully to make to any department or agency of the United States any or within its jurisdiction.						



determined that the site is ready for final inspection.

# **CONDITIONS OF APPROVAL**

# Kerr-McGee Oil & Gas Co.

## Notice of Intent APD Extension

Lease:

UTU-33433

Well:

Bonanza 1023-5H

Location:

SENE Sec 5-T10S-R23E

An extension for the referenced APD is approved with the following conditions:

1. The extension and APD shall expire on 02/23/09

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

# **DIVISION OF OIL, GAS AND MINING**

## **SPUDDING INFORMATION**

Name of Co	mpany: <u>KERR</u>	R-McGEE OIL &	& GAS ONSH	ORE, LI	_
Well Name:		BONANZA	1023-5H		
Api No <u>:</u>	43-047-3732	0	_Lease Type:_	FEDI	ERAL
Section 0	5Township	10S Range_	23E Coun	ity <u>UIN</u>	ТАН
Drilling Cor	ntractor	PETE MARTI	N DRLG	_RIG #	RATHOLE
SPUDDE	D:				
	Date	04/11/08			
	Time	9:00 AM	_		
	How	DRY	_		
Drilling wi	ill Commence	e:			
D . 11		I OU WELD			
Reported by	-	LOU WELD	UN		
Telephone#		(435) 828-70	35		
Date	04/11/08	Signed	CHD		

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

city VERNAL

state UT zip 84078

Phone Number: (435) 781-7024

#### Well 1

Well Name		QQ	Sec	Twp	Rng	County
NBU 921-13LT		NWSW	13	98,	21E	UINTAH
Current Entity Number	New Entity Number	Sı	oud Da	te		ty Assignment ffective Date
99999	2900	4.	/11/200	8	41	38/08
	NBU 921-13LT  Current Entity Number	NBU 921-13LT  Current Entity New Entity Number Number	NBU 921-13LT  Current Entity Number  New Entity Number  Number	NBU 921-13LT  Current Entity Number  New Entity Number  Spud Date Number	NBU 921-13LT  Current Entity Number  New Entity Number  Spud Date Number	NBU 921-13LT  Current Entity Number  New Entity Number  New Entity Number  New Entity Number  New Entity Number

MIRU PETE MARTIN BUCKET RIG. (VO) /// VI)
SPUD WELL LOCATION ON 04/11/2008 AT 0800 HRS

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739244	NBU 921-13E		SWNW	13	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	Spud Date			ity Assignment Effective Date
B	99999	2900	4	/11/200	8	4/	28/08

Comments:

MIRU PETE MARTIN BUCKET RIG. WSMVDSPUD WELL LOCATION ON 04/11/2008 AT 0930 HRS.

#### Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737320	BONANZA 1023-5H		SENE	5	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	pud Da	te	1	ity Assignment ffective Date
A	99999	16793		1/11/200	8	4	128/08
Comments:		== 010 /1/5m	<i></i> /Λ			·	

MIRU PETE MARTIN BUCKET RIG. USMVDSPUD WELL LOCATION ON 04/11/2008 AT 0900 HRS.

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED
APR 1 7 2008

SHEILA UPCHEGO

Name (Please Rrint)

Title

Signature
SENIOR LAND SPECIALIST

4/14/2008

Date

(5/2000)

Form 3160-5 (August 1999)

X Subsequent Report

Final Abandonment Notice

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Casing Repair

Change Plans

Convert to Injection

UTU-33433

abandoned well.	Use Form 3160-3 (APD)	for such proposals.	
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well  Oil Well  Gas Well	Other		8. Well Name and No.
2. Name of Operator			BONANZA 1023-5H
KERR-McGEE OIL & GAS C	NSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area code)	4304737320
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	1)	NATURAL BUTTES
			11. County or Parish, State
SE/NE SEC. 5, T10S, R23E	1817'FNL, 571'FEL		UINTAH COUNTY, UTAH
12. CHECK APPI	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF NOTIC	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACT	NON
Notice of Intent	Acidize Alter Casing	Deepen Produc	ction (Start/Resume) Water Shut-Off nation Well Integrity

☐ Plug Back

New Construction

Plug and Abandon

Recomplete

Water Disposal

Temporarily Abandon

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/11/2008 AT 0900 HRS.

14. I hereby certify that the foregoing is true and correct								
Name (Printed/Typed)	Title							
SHEILA UPCHEGO	SENIOR LAND /	ADMIN SPECIALIST						
Signature MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	Date April 14, 2008							
THIS SPACE FOR FEDERAL OR STATE USE								
Approved by	Title	Date						
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.								
Title 18 U.S.C. Section 1001, make it a crime for any person knowing false, fictitious or fraudulent statements or representations as to any magnetic false.	igly and willfully to matter within its jurisdict	nake to any department or agency of the county	thes any					

ADD 2 1 2008

X Other WELL SPUD

<sup>13.</sup> Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Form 3160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. UTU-33433

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPL	ICATE – Other instru	ctions	on revers	e side	7. If Unit or CA/Agreement, Name a	ind/or No.
1. Type of Well						
Oil Well Sas Well	Other				8. Well Name and No.	
2. Name of Operator					BONANZA 1023-5H	
KERR-McGEE OIL & GAS	ONSHORE LP				9. API Well No.	,
3a. Address		3b. Ph	one No. (includ	de area code)	4304737320	
1368 SOUTH 1200 EAST \	/ERNAL, UT 84078	(435)	781-7024		10. Field and Pool, or Exploratory Are	ea
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			NATURAL BUTTES	
					11. County or Parish, State	
SE/NE SEC. 5, T10S, R23E	1817'FNL, 571'FEL				UINTAH COUNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA'	ΓE NATURE	OF NOTICE, I	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TY	PE OF ACTIO	N	
Notice of Intent	Acidize Alter Casing	_	ture Treat	Reclamati	, C	IDEAOE
X Subsequent Report	Casing Repair	_	Construction	Recomple		JRFACE
Final Abandonment Notice	Change Plans Convert to Injection	=	g and Abandon g Back	Water Dis	·	
Attach the Bond under which the wo following completion of the involved	rk will be performed or provide to operations. If the operation resultandonment Notices shall be file	the Bond I Its in a mi	No. on file with altiple completio	BLM/BIA. Requon or recompletion	nue vertical depths of all pertinent markers ired subsequent reports shall be filed with in a new interval, a Form 3160-4 shall be amation, have been completed, and the open completed.	in 30 days filed once
MIRU CRAIGS AIR RIG ON J-55 SURFACE CSG. LEA W/100 SX PREM CLASS G W/200 SX PREM CLASS G HOLE STAYED FULL.	D CMT W/250 SX PRE @15.8 PPG 1.15 YIEL	M CLA .D. NO	SS G @15 RETURNS	5.8 PPG 1.15 S TO PIT 230	YIELD. TAILED CMT PSI LIFT. TOP OUT	
WORT						
14. I hereby certify that the foregoing Name (Printed/Typed) SHEILA UPCHEGO	g is true and correct		NOR LAND	O ADMIN SP	ECIALIST	
Arwill M	18/11/11	Date Apr	il 17, 2008			
# / /	THIS SPACE	FOR F	EDERAL OR	STATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached	Approval of this notice does not	warrant or	Office			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

(Instructions on reverse)

certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

orm 3 160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

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5. Lease Serial No.

#### UTU-33433

SUNDRY NOTICES AND REPORTS ON WELLS				UTU-33433		
	form for proposals to Use Form 3160-3 (APD)				6. If Indian,	Allottee or Tribe Name
SUBMIT IN TRIPLICATE – Other instructions on reverse side						CA/Agreement, Name and/or No.
Type of Well					-	
Oil Well X Gas Well	Other				8. Well Nar	ne and No.
2. Name of Operator		· · · ·			BONAN	ZA 1023-5H
KERR-MCGEE OIL & GAS	ONSHORE LP				9. API Well	
3a. Address		3b. Phone N	o. (includ	le area code)	<sup>1</sup> 43047373	20
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024				10. Field and	Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descriptio	n)	•		NATURAI	L BUTTES
					11. County o	r Parish, State
SE/NE SEC. 5, T10S, R23E	: 1817'FNL, 571'FEL				UINTAH (	COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NA	ATURE (	OF NOTICE,	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYI	PE OF ACTIO	N	
Notice of Intent	Acidize Alter Casing	Deepen Fracture T		Reclamati		Well Integrity
Subsequent Report	Casing Repair Change Plans	New Cons Plug and A			ily Abandon	Other FINAL DRILLING OPERATIONS
Final Abandonment Notice	Convert to Injection	Plug Back	:	Water Dis	posal	
If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	ork will be performed or provide operations. If the operation results bandonment Notices shall be file	the Bond No. on alts in a multiple	file with completion	BLM/BIA. Required nor recompletion	uired subsequent 1 in a new interva	reports shall be filed within 30 days al, a Form 3160-4 shall be filed once
FINISHED DRILLING FROM						
LEAD CMT W/414 SX PRE	_					-
14.3 PPG 1.31 YIELD. DISF		INAL CIRC	2200 P	SI BOWS 5	LUG FLOA	IS HELD.
FLUSH BOP LAND CSG. C	LEAN PITS.					-1/ <i>I</i> -17
RELEASED PIONEER RIG	28 ON 05/10/2008 AT	. МІРМІСНТ		;	REC	EIVED
RELEASED FIGHER NO	30 ON 03/13/2000 AT	MIDITION	•		MAY	2 1 2008
14. I hereby certify that the foregoing	g is true and correct	************		<del>.</del>	DIV OF OIL,	GAS & MINING
Name (Printed/Typed) SHEHA UPCHEGO	,	Title SENIOF	R LAND	ADMIN SF		
Signature 11/10/11	7(11111)	Date May 20,	2008		<del></del>	
	THIS SPAC	E FOR FEDER		STATE USE	· .	
Approved by		Titl	e		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive th	nitable title to those rights in the suct operations thereon.	bject lease				
Title 18 U.S.C. Section 1001, make	e it a crime for any person kn	owingly and wi	llfully to	make to any de	epartment or ag	ency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

UTU-33433

#### SUNDRY NOTICES AND REPORTS ON WELLS

	Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.								
	CATE – Other instruc					7. If Unit or	CA/Agreement, Name and/or No.		
1. Type of Well  Oil Well  Gas Well	Other					8. Well Nam	e and No.		
2. Name of Operator						BONAN	ZA 1023-5H		
KERR-McGEE OIL & GAS (	NSHORE LP					9. API Well			
3a. Address		3b. Pho	ne No. (inclu	de area c	ode)	43047373	20		
1368 SOUTH 1200 EAST V	'ERNAL. UT 84078	(435) 7	81-7024		L		Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 7		<u> </u>				NATURAL	.BUTTES		
						11. County or	Parish, State		
SE/NE SEC. 5, T10S, R23E	1817'FNL, 571'FEL					UINTAH C	COUNTY, UTAH		
12. CHECK APP	TICE, RI	EPORT, OR	OTHER DATA						
TYPE OF SUBMISSION			TY	PE OF A	ACTION				
<ul><li>Notice of Intent</li><li>X Subsequent Report</li><li>☐ Final Abandonment Notice</li></ul>	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	New	ure Treat Construction and Abandon	Re Re	roduction ( eclamation ecomplete emporarily ater Dispo	Abandon	Water Shut-Off Well Integrity Other PRODUCTION START-UP		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for fin	operations. If the operation result sandonment Notices shall be filed al inspection.	ts in a mul 1 only after	tiple completion	on or reco	mpletion in	n a new interval mation, have be	, a Form 3160-4 shall be filed once en completed, and the operator has		
PLEASE REFER TO THE A	TTACHED CHRONOL	OGICA	L WELL H	IISTOF	RY.		RECEIVED		
							JUL 1 1 2008		
							DIV. OF OIL, GAS & MINING		
14. I hereby certify that the foregoing Name (Printed/Typed) SHEWA UPCHEGO 8ignature	is true and correct	Date	IOR LANI 8, 2008	D ADM	IIN SPE	CIALIST			
$\overline{V}$	THIS SPACE	FOR FE	DERAL OR	STATE	USE				
Approved by	The state of the s		Title			Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to conduct	table title to those rights in the sub-	ject lease	Office						
Title 18 U.S.C. Section 1001, make	it a crime for any person kno	wingly ar	d willfully to	make to	any dep	artment or age	ncy of the United States any		

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Start Date: 4/11/2008 WINS No.: 96370 **BONANZA 1023-5H** End Date: 5/19/2008 AFE No.: 2013437 **Operation Summary Report** KR FIELD NAME SPUD DATE ROUTE Operator BONANZA 5351 4/11/08 5,335 KERR MCGEE OIL & GAS ONSHORE LP API STATE COUNTY DIVISION UINTAH ROCKIES UTAH 4304737320 Q-Q/Sect/Town/Range: SENE / 5 / 10S / 23E Footages: 1,817.00' FNL 571.00' FEL Lat./Long.: Lat./Long.: 39.98026 / -109.34336 PBMD PBTVD MTD LOG MD 8253 8253 8415 8412 REASON: EVENT ACTIVITY: DRILLING **EVENT INFORMATION:** OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED: 4 OBJECTIVE2: ORIGINAL Event End Status: COMPLETE Rig Operation Start Finish Drilling Begin Mobilization Rig On Location Rig Charges Rig Release Rig Off Location **RIG OPERATIONS:** 04/11/2008 04/11/2008 04/11/2008 PETE MARTIN DRILLING / 1 04/11/2008 04/11/2008 04/11/2008 04/11/2008 Duration Phase Subco P/U Operation Time Code Date Start-End (hr) de MD: 56 SUPERVISOR: LEW WELDON 4/11/2008 Ρ MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 0900 HR 9:00 - 15:00 6.00 DRLCON 02 4/11/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 38 BLM AND STATE NOTFIED OF SPUD MD: 420 4/13/2008 SUPERVISOR: LEW WELDON 02 Р MOVE IN AND RIG UP CRAIGS AIR RIG SPUD WELL @ 1500 HR 15:00 - 0:00 9.00 DRLSUR 4/13/08 DA AT REPORT TIME MD: 1,560 SUPERVISOR: LEW WELDON 4/14/2008 Р RIG DRILLING AHEAD NO WATER 1050' 0:00 - 12:00 12.00 DRLSUR 02 Р RIG DRILLING AHEAD HIT TRONA WATER @ 1530' 12:00 - 0:00 12.00 DRLSUR 02 CIRCULATING WITH SKID PUMP DA AT REPORT TIME 1560' SUPERVISOR: LEW WELDON MD: 2.130 4/15/2008 RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1910' Р - 12:00 12.00 DRLSUR 02 0.00 RIG T/D @ 2130' CONDITION HOLE 1 HR Þ 12:00 - 19:00 7.00 DRLSUR 02 - 23:00 Р TRIP DP OUT OF HOLE 19:00 4.00 DRLSUR 0.5 23:00 - 0:00 1.00 DRLSUR 11 Р **RUN 9 5/8 CSG AT REPORT TIME** MD: 2,130 4/16/2008 SUPERVISOR: LEW WELDON Р FINISH RUNNING CSG AND RIG DOWN AIR RIG 0:00 - 3:00 3.00 DRLSUR 11 Р CEMENT 1ST STAGE WITH 250 SKS TAIL @ 15.8# 1.15 5.0 DRLSUR - 4:00 1.00 15 3:00 GAL/SK NO RETURNS TO PIT 230 PSI LIFT Р 1ST TOP JOB 100 SKS DOWN BS WOC 4:00 - 4:30 0.50 DRLSUR 15 2ND TOP JOB 100 SK\$ DOWN BS WOC 2.50 DRLSUR Р 4:30 - 7:00 15 3RD TOP JOB 100 SKS DOWN BS GOOD CMT TO SURFACE 7:00 - 9:00 2.00 DRLSUR 15 AND STAYED AT SURFACE 9:00 - 9:00 0.00 DRLSUR NO VISIBLE LEAKS PIT 1/4 FULL WORT MD: 2,130 5/9/2008 SUPERVISOR: BRAD PEDERSEN 19.00 DRLPRO 01 Е P RDRT 5:00 - 0:00 MD: 2,130 SUPERVISOR: BRAD PEDERSEN 5/10/2008 Z RIG REPAIRS, COULD NOT GET DERRICK TO SCOPE IN DUE 18.00 07 Α 0:00 - 18:00 DRLPRO TO BENT GERT, WAITING ON DERRICK INSPECTOR DERRICK INSPECTOR ON LOCATION, REPAIR GERT, LOWER Z 6.00 DRLPRO 07 G 18:00 - 0:00 DERRICK, RDRT, REPLACE GERT IN DERRICK MD: 2,130 SUPERVISOR: BRAD PEDERSEN 5/11/2008 Z RIG REPAIR , REPLACE 2 GERTS IN DERRICK 6,00 **DRLPRO** 07 Α 0.00- 6:00 RDRT.FINISH MOVING TO BON 1023-5H, RURT P - 0:00 18.00 DRLPRO 01 В 6:00 2,671 MD: 5/12/2008 SUPERVISOR: BRAD PEDERSEN

7/8/2008

Wins No.: 9	96370			В	ONAN	IZA 10	23-5H	API No.: 4304737320
EVENT INFO		EVE	NT ACTIVIT	Y: DRILLI	NG			REASON:
		OBJ	ECTIVE: DI	EVELOPM	ENT			DATE WELL STARTED/RESUMED:
		OBJ	ECTIVE2: (	ORIGINAL				Event End Status: COMPLETE
RIG OPERAT	TONS:	Begin	Mobilizatio	n Rig On I	Location	n Rig C	Charges	Rig Operation Start Finish Drilling Rig Release Rig Off Location
PETE MARTIN	DRILLING / I	04	1/11/2008	04/11	/2008	04/1	1/2008	04/11/2008 04/11/2008 04/11/2008 04/11/2008
Date	Time Start-E		Duration (hr)	Phase	Code	Subco de	P/U	Operation
		3:00	3.00	DRLPRO	01	В	Р	FINISH RURT
	3:00 -	5:00	2.00	DRLPRO	13	Α	Р	NIPPLE UP BOP
		10:30	5.50	DRLPRO	13	С	Р	SAFETY MEETING W/ QUICK TEST, TEST BOP TO 5000 PSI, ANNULAR TO 2500 PSI, CASING TO 1500 PSI, INSTALL
	10:30 - 1	14:00	3.50	DRLPRO	05	Α	Р	WEAR RING SAFETY MEETING W/ FRANKS WEST STATES ,R/U & P/U BHA .R/D WEST STATES
	14:00 -	18:00	4.00	DRLPRO	02	F	Р	INSTALL DRILLING RUBBER & DRIVE BUSHINGS, DRLG CMT & F.E.
	18:00 -		1.00	DRLPRO	02	В	P	SPUD @ 18:00 5/12/2008 ,DRLG F/ 2130' TO 2234' ( 104' HR ) WT 8.4/26
		19:30	0.50	DRLPRO	09	A	P	SURVEY @ 2159' 1 DEG.
	19:30 -	0:00	4.50	DRLPRO	02	В	Р	DRLG F/ 2234' TO 2671' ( 437' 97.1' HR ) WT 8.3/26
5/13/2008	SUPERVI	SOR: F	RAD PEDI	ERSEN				<u>MD:</u> 4,767
_, , _, _, _		1:00	1.00	DRLPRO	02	В	Р	DRLG F/ 2671' TO 2742' ( 71' HR ) WT 8.4/27
	****	1:30	0.50	DRLPRO	09	Ā	P	SURVEY @ 2672 1 DEG.
		9:00	7.50	DRLPRO	02	В	Р	DRLG F/ 2742' TO 3281' ( 539' 71.8' HR ) WT 8.8/28
		9:30	0.50	DRLPRO	09	A	Р	SURVEY @ 3211' 1 DEG
		16:00	6.50	DRLPRO	02	В	Р	DRLG F/ 3281' TO 4076' ( 795' 122.3' HR ) WT 8.9/35
			0.50	DRLPRO	06	A	Р	RIG SERVICE
		16:30			02	В	Р	DRLG F/ 4076' TO 4267' ( 191' 95.5' HR ) WT 8.9/35
		18:30	2.00	DRLPRO		A	r P	SURVEY @ 4197' 1.75
		19:00	0.50	DRLPRO		В	P	DRLG F/ 4267' TO 4767' ( 500' 100'HR ) WT 9.5/41
	19:00 -	0:00	5.00	DRLPRO	02			
5/14/2008	<u>SUPERVI</u>	SOR:	BRAD PED	ERSEN			:	MD: 6,075
	0:00 -	7:00	7.00	DRLPRO	02	В	Р	DRLG F/ 4767' TO 5281' ( 514' 73.4' HR ) WT 9.5/41
	7:00 -	7:30	0.50	DRLPRO	09	Α	Р	SURVEY @ 5211' 2 DEG.
	7:30 -	16:00	8.50	DRLPRO	02	В	Р	DRLG F/ 5281' TO 5789' ( 508' 59.7' HR ) WT 10.3/38
	16:00 -	16:30	0.50	DRLPRO	06	Α	Р	RIG SERVICE
	16:30 -	16:30	0.00	DRLPRO	02	В	P	DRLG F/ 5789' TO 6075 ( 286' 38.1' HR ) WT 10.5/46
5/15/2008	SUPERVI	ISOR: I	BRAD PED	ERSEN				<u>MD:</u> 6,957
	0:00 -	3:00	3.00	DRLPRO	02	В	P	DRLG F/ 6075' TO 6202' (127' 42.3' HR ) WT 10.5/44
	3:00 -	3:30	0.50	DRLPRO	09	Α	Р	SURVEY @ 6132' MISSRUN
	3:30 -	5:30	2.00	DRLPRO	02	В	Р	DRLG F/ 6202' TO 6266' ( 64' 32' HR ) WT 10.5/46
	5:30 -	6:00	0.50	DRLPRO	09	Α	Р	SURVEY @ 6196 2 DEG.
		16:30	10.50	DRLPRO		В	Р	DRLG F/ 6266' TO 6646' ( 380' 36.1' HR ) WT 11/45
		17:00	0.50	DRLPRO		Α	P	RIG SERVICE
		17:00	0.00	DRLPRO		В	Р	DRLG F/ 6646' TO 6957 ( 311' 44.4' HR ) WT 11.3/42
5/16/2008	SUPERV	ISOR:	BRAD PED	ERSEN				<u>MD:</u> 7,502
J, 10/2000		17:00		DRLPRC	02	В	Р	DRLG F/ 6957' TO 7502' ( 545'32' HR ) WT 11.7/44
		23:00		DRLPRO		A	Р	PUMP PILL, DROP SURVEY, TOOH, L/D BIT & MOTOR
		0:00	1.00	DRLPRO		Α	P	P/U BIT #2 & NEW MOTOR TIH
E147/0000			BRAD PEC					. <sup>,</sup> <u>MD:</u> 8,110
5/17/2008				DRLPRO	05	Α	Р	TIH W/ BIT #2 & NEW MOTOR
		4:00	4.00	DRLPRC		D	ι Ρ	FILL PIPE & WASH 30' TO BTM,NO FILL
		5:00	1.00			В	P	DRLG F/ 7502' TO 7918' ( 416' 34.6' HR ) WT 12/44
		17:00		DRLPRO		А	г Р	RIG SERVICE
		- 17:30		DRLPRO			P P	DRLG F/ 7918' TO 8110 ( 192' 29.5' HR ) WT 12.1/46
	17:30 -	- 0:00	6.50	DRLPRO	02	В	<u> </u>	
								<u>MD:</u> 8,415
5/18/2008	SUPERV	<u>/ISOR:</u>	8					
5/18/2008		<u>/ISOR:</u> - 12:30		DRLPRO	02	В	Р	DRLG F/ 8110' TO 8415' ( 305' 24.4' HR ) WT 12.1/47

Wins No.: 9	6370			В	ONAN	ZA 10	23-5H			API No.:	4304737320	
EVENT INFOR	MATION:	: EVE	NT ACTIVI	TY: DRILLIN	1G			REASON:				
		OBJ	ECTIVE: D	EVELOPME	NT			DATE WE	LL STARTED/F	RESUMED: 4		
		OBJ	ECTIVE2:	ORIGINAL				Event End	Status: COMP	LETE		
RIG OPERATION	ONS:	Begi	Begin Mobilization Rig On Location				harges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location	
PETE MARTIN	DRILLING	/! 0	4/11/2008	04/11/	2008	04/1	1/2008	04/11/2008	04/11/2008	04/11/2008	04/11/2008	
Date	1	me t-End	Duration (hr)	Phase	Code	Subco de	P/U		Operat			
	14:30	- 16:00	1.50	DRLPRO	05	Ē	Р	SHORT TRIP 20 ST	DS TO 7115' N	O PROBLEMS		
	16:00	- 18:30	2.50	DRLPRO	04	С	Р	CIRC F/ LDDP,SAFE	ETY MEETING	W/ WESTSTAT	TES R,U LAY	
	18:30	- 0:00	5.50	DRLPRO	05	Α	Р	LDDP				
5/19/2008	SUPER	VISOR: H	CENNY MO	RRIS							<u>MD:</u> 8,415	
	0:00	- 3:00	3.00	DRLPRO	05	Α	Р	FINISH LDDP, PULI	WEAR RING			
	3:00	- 8:00	5.00	DRLPRO	10	С	Р	SAFETY MEETING COMBO TO 8422', I			N TRIPLE	
	8:00	- 9:00	1.00	DRLPRO	11	Α	Р	SAFETY MEETING	W/WESTSTAT	ES,R/U CASE	RS	
	9:00	- 14:30	5.50	DRLPRO	11	В	P	RUN 198 JTS 4.5,1	1.6,I-80 TO 840	3'		
	14:30	- 17:30	3.00	DRLPRO	04	E	Р	CIRC F/ CEMENT, I	R/D CASERS , '	WAIT ON BJ S	ERVICES	
	17:30	- 20:30	3.00	DRLPRO	15	Α	Р	PUMP 414SX LEAD CIRC PSI 2200, BUM			30 BBLS,FINAL	
	20:30	- 21:00	0.50	DRLPRO	13	Α	Р	FLUSH BOP,,LAND	CSG			
	21:00	- 0:00	3.00	DRLPRO	01	E	Р	CLEAN PITS &REL	EASE RIG @M	IDNITE 5/19/08	3	

Start Date: 6/26/2008 WINS No.: 96370 **BONANZA 1023-5H** End Date: 7/2/2008 AFE No.: 2013437 **Operation Summary Report** SPUD DATE ΚB ROUTE Operator FIELD NAME KERR MCGEE OIL & GAS ONSHORE LP BONANZA 4/11/08 5,335 5351 API COHNTY DIVISION **ROCKIES** UINTAH UTAH 4304737320 Lat./Long.: Lat./Long.: 39.98026 / -109.34336 Q-Q/Sect/Town/Range: SENE / 5 / 10S / 23E Footages: 1,817.00' FNL 571.00' FEL LOG MD PBMD PBTVD TVD MTD 8253 8253 8415 8412 REASON: MV **EVENT INFORMATION: EVENT ACTIVITY: COMPLETION** DATE WELL STARTED/RESUMED: . OBJECTIVE: DEVELOPMENT Event End Status: COMPLETE OBJECTIVE2: ORIGINAL Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location **RIG OPERATIONS:** KEY 243 / 243 07/02/2008 Date Time Duration Phase Code Subco P/U Operation Start-End de (hr) MD: 6/26/2008 SUPERVISOR: KEN WARREN Р HSM, RIGGING DN / RIGGING UP 7:00 - 7:15 0.25 COMP 48 7:15 - 15:00 7.75 COMP 47 Α ROAD RIG FROM BONANZA 1023-5N TO BONANZA 1023-5H, MIRU, SPOT EQUIP, N/D WELL HEAD, N/U BOPE, R/U TBG EQUIP, P/U 3-7/8 MILL W/ X-OVER, TALLEY & P/U 200 JNTS 2-3/8 J-55 TBG EOT @ 6360', POOH STNDG BACK, L/D MILL, N/D BOPE, N/U FRAC VALVES. MIRU B&C QUICK TEST, PRESSURE TEST CSG & FRAC VALVES TO 7500# [GOOD TESTI R/D TESTERS, SWIFN. <u>MD:</u> SUPERVISOR: KEN WARREN 6/27/2008 7:00 - 7:15 0.25 COMP Ρ HSM, R/U WIRE LINE MIRU CUTTERS WIRE LINE, P/U RIH W/ PERF GUN, PERF 7:15 - 15:00 7.75 COMP 37 В Ρ MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90\* PH, [44 HOLES] 8127'-8130 12 HOLES, 8077'-8080' 12 HOLES, 8048'-8051' 12 HOLES, 8028'-8030' 8 HOLES. SWI, PREP TO FRAC MON. 6/30/2008 SUPERVISOR: KEN WARREN

Wins No.: 96370 EVENT INFORMATION:	EVENT ACTIVITY	Y: COMPLETION	ZA 1023-5H	REASON	- N/N /	API No.:	: 4304737320
LAFIAL IMPORMATION:	OBJECTIVE: DE				: MV ELL STARTED/F	ESUMED.	
	OBJECTIVE2: O				Status: COMP		
NO ODERATIONS		Rig On Location	Rig Charges	Rig Operation Start		Rig Release	Rig Off Location
RIG OPERATIONS:	Degin Wobilization	<del>-</del>	Tig Onlinges	Trig Operation Start	1 linen Dining		
(EY 243 / 243		06/26/2008					07/02/2008
Date Tim Start-I		Phase Code	Subco P/U de		Operat	ion	
9:00 -	17:00 8.00	COMP 36	ЕР	OPEN WELL 1255#, STG #1] BRK DN PE RT=51.6, ISIP=2225 20872# 30/50 MESH FG=.74, AR=53.1, Al 35/44 CALC PERFS STG #2] P/U RIH W/ 7918', PERF MESAN HOLE, 4 SPF, 90* PI	ERFS @ 2746#, #, FG=.72, PUM I W/ 5000# RES P=4012#, MR=5 OPEN [79%] BKR 8K CBP 8 /ERDE USING	INJT PS=350 IP'D 870 BBLS IN COAT IN TA 64.4, MP=4671 & PERF GUN. S 3-3/8 EXPEND	0#, INJT SLK/WTR W/ AIL, ISIP=2429#, #, NPI=204#,  SET CBP @ 0, 23GRM, 0.36"
				WHP= 0#, BRK DN RT=51.6 , ISIP=238-21641# 30/50 MESHFG=.78, AR=49.7, A	1#, FG=.74, PUI I W/ 5000# RES P=4301#, MR=5	MP'D 716.8 BB SIN COAT IN T	LS SLK/WTR W/ AIL, ISIP=2685#,
				STG #3] P/U RIH W/ 7816', PERF MESA\ HOLE. 7783'-7786' 4 90* PH, 12 HOLES. 7672'-7675' 3 SPF, 1	/ERDE USING   SPF, 90* PH, 1   7705'-7708' 4 S	3-3/8 EXPEND 2 HOLES. 772 PF, 90* PH, 12	, 23 GRM, 0.36" 7'-7730' 4 SPF, HOLES.
				WHP=0#, BRK DN F RT=53, ISIP=2303#, 89736# 30/50 MESH FG=.76, AR=53.8, A 30/45 CALC PERFS	FG=.74, PUMF W/ 5000# RES P=4800#, MR=5	P'D 2592.3 BBL BIN COAT IN T	S SLK/WTR W/ AIL. ISIP=2435#,
				STG#4] P/U RIH W/ 7614', PERF MSAVI HOLE, 4 SPF, 90* PI HOLES [48 HOLES]	ERDE USING 3 H. 7576'-7584' 3	-3/8 EXPEND,	23 GRM, 0.36"
				WHP=430#, BRK DI RT=51, ISIP=1685#, 34240# 30/50 MESH FG=.67, AR=51, AP= CALC PERFS OPEN	FG=.66, PUMF W/ 5000# RES 4419#, MR=51	D'D 1047.5 BBL SIN COAT IN T	S SLK/WTR W/ AIL. ISIP=1697#
				STG #5] P/U RIH W. 7464', PERF MESA\ HOLE. 7430'-7434' 3 90* PH, 20 HOLES. HOLES] HAD MISS GUN @ 7430'7434' 4 FINISHED PERF.	VERDE USING 3 SPF, 120* PH, 7274'-7278' 3 S FIRE AFTER S	3-3/8 EXPEND 12 HOLES, 73 PF, 120* PH, 1: ET PLUG @ 74	o, 23 GRM, 0.36" 58'-7363' 4 SPF, 2 HOLES [44 464' & SHOT
				WHP= 0#, BRK DN ISIP=1691#, FG=.67 30/50 MESH W/ 500 FG=.71, AR=51.9, A	', PUMP'D 2313 10# RESIN COA	.2 BBLS SLKA T IN TAIL, ISI	VTR W/ 82482# P=2007#,
				STG #6] P/U RIH W. 7180' PERF MESAV HOLE, 4 SPF, 90* P HOLES, 7030'-7035'	/ERDE USING : H, 7148'-7150' 8	3-3/8 EXPEND 3 HOLES, 7095	, 23 GRM, 0.36" '-7100' 20
7/1/2008 SUPERVI	SOR: KEN WARRE						MD:
7:00 -		COMP 48	P	HSM, WORKING W	//A/IDELINE		

Wins No.: 96370		BONAN	ZA 1023-5H	API No.: 43047373					
EVENT INFORMATION:	EVENT ACTIVIT	Y: COMPLETION		REASON: MV					
	OBJECTIVE: DE	VELOPMENT		DATE WELL STARTED/RESUMED:					
	OBJECTIVE2: C	RIGINAL		Event End Status: COMPLETE					
RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start Finish Drilling Rig Release Rig Off Locati					
EY 243 / 243		06/26/2008		07/02/2008					
Date Time Start-E		Phase Code	Subco P/U	Operation					
7:15 -		COMP 36	Р	OPEN WELL 620# FRAC MESAVERDE 7030'-7150' [48 HOLES]					
				STG #6] WHP=620#, BRK DN PERFS @ 2253#, INJT PSI=3350# INJ RT=50.5, ISIP=1550#, FG=.66 PUMP'D 2347.1 BBLS SLK/WTR W/ 83764# 30/50 MESH W/ 5000# RSIN COAT IN TAIL ISIP=2110, FG=.74, AR=51.1, AP=3254, MR=51.9, MP=4938, NPI=560#, 48/48 CALC PERFS OPEN 100%.					
				STG #7] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 6972', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36' HOLE. 6939'-6942' 3 SPF, 102* PH, 9 HOLES, 6905'-6908' 3 SPF, 120* PH, 9 HOLES, 6858'-6864' 4 SPF 90* PH, 24 HOLES [42 HOLES]					
				WHP=0#, BRK DN PERFS @ 3327#, INJT PSI=3950#, INJT RT=51.5, ISIP=1437#, FG=.65, PUMP'D 1607.4 BBLS SLK/WTR W/ 56331# 30/50 MESH W/ 5000# RESIN COAT IN TAIL, ISIP=2085#, FG=.74, AR=51.8, AP=3540, MR=52.4, MP=5063#, NPI=648#, 31/42 CALC PERFS OPEN 73%.					
·				STG #8] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 6797', PERF MESAVERDE USING 3-3/8 EXPEND, 23GRM, 0.36" HOLE, 4 SPF, 90* PH, [40 HOLES] 6762'-6767' 20 HOLES, 6721'-6726' 20 HOLES.					
				WHP=60#, BRK DN PERFS @ 4088#, INJT PSI=3800#, INJT RT=51.5, ISIP=1781#, FG=.70 PUMP'D 978.6 BBLS SLK/WTR W. 32129# 30/50 MESH W/ 5000# RESIN COAT IN TAIL, ISIP=2030 FG=.74, AR=52, AP=3389#, MR=52.9, MP=4296#, NPI=249#, 40/40 CALC PERFS OPEN 100%.					
				STG #9] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 6658', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM .036' HOLE, 4 SPF, 90* PH, 40 HOLES, 6618'-6628' [40 HOLES]					
				WHP=0#, BRK DN PERFS @ 5171#, INJT PSI=3800#, INJT RT=51, ISIP-1798#, FG=.71, PUMP'D 1918.6 BBLS SLK/WTR W/ 63325# 30/50 MESH W/ 5000# RESIN COAT IN TAIL. ISIP=2141 FG=.76, AR=51.2, AP=3389#, MR=52.5, MP=5171#, NPI=343#, 40/40 CALC PERFS OPEN 100%					
				P/U RIH W/ BKR 8K CBP & SET @ 6560', POOH R/D CUTTERS WIRE LINE & WEATHERFORD FRAC EQUIP, WD FRAC VALVES, N/U BOPE, R/U TBG EQUIP, P/U 3-78 BIT W/ POBS PKG, RIH W/ 2-3/8 TBG TO 6560', TAG TOP KILL, P/U PWR SWVL SWIFN. READY TO DRL IN A.M					
7/2/2008 SUPERVI	SOR: KEN WARR	EN		MD:					
7:00 -		COMP 48	, Ь	HSM, P/U & USING PWR SWVL					

Wins No.: 9				NZA 1023-5	SH.	2542011 194	API No.:	4304737320
EVENT INFO	RMATION:	EVENT ACTIVITY		1		REASON: MV	EOLBIED.	
		OBJECTIVE: DEV				DATE WELL STARTED/RI Event End Status: COMPL		
				n Dia Ohaan	D			Rig Off Location
RIG OPERATI	ONS:	Begin Mobilization		n Rig Charge	es K	ig Operation Staft Finish Drilling	Rig Release	
KEY 243 / 243	. It is a second of the second		06/26/2008	Table de av	F 4	and the second s		07/02/2008
Date	Time Start-Er	nd (hr)		Subco P/I		Operation		aris, in a
	7:15 - 1	8:00 10.75	COMP 44	C P	O	PEN WELL EST CIRC W/ RIG PU	MP,	
						LUG #1] EST CIRC W/ RIG PUMP, 6565' IN 10 MIN. 800# INCREASE		SH BKR 8K CBP
					DI	LUG #2] CONTINUE TO RIH TAG : RL THROUGH BKR 8K CBP @ 666 ICREASE.		
					DI	LUG #3] CONTINUE TO RIH TAG RL THROUGH BKR 8K CBP @ 679 ICREASE.		
					&	LUG #4] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ 6 ICREASE.		
					&	LUG #5] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ 7 IREASE.		
					&	LUG #6] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ 7 ICREASE.		
					&	LUG #7] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ 7 ICREASE.		
					&	LUG #8] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ T ICREASE.		
					&	LUG #9] CONTINUE TO RIH TAG DRL THROUGH BKR 8K CBP @ ' CREASE.		
					Jì L/ R P	ONTINUE TO RIH & C/O TO PBTE NTS TBG ON FLOAT, P/U & LUBR AND W/ 248 JNTS 2-3/8 J-55 TBG /D PWR SWVL, R/D TBG EQUIP, UMP OFF BIT W/ 2 BBLS @ 1800 D MIN. OPEN WELL TURN OVER	RICATE HANGE [EOT @ 7842'] N/D BOPE, N/L #. LEAVE WEL	ER IN WELL, DROP BALL, WELL HEAD, L SHUT IN FOR
7/3/2008	SUPERVIS	OR: KEN WARRE	N					MD:
	7:00 -		33	Α	T! T	AM FLBK REPORT: CP 1500#, TF RACE SAND, - GAS TL BBLS RECOVERED: 1929 BLS LEFT TO RECOVER: 12506	P 1700#, 16/64"	CK, 32 BWPH,
7/4/2008	SUPERVIS	OR: KEN WARRE	N				•	MD:
	7:00 -		33	Α	T T	AM FLBK REPORT: CP 1700#, TF RACE SAND, - GAS TL BBLS RECOVERED: 2621 BLS LEFT TO RECOVER: 11772	P 1950#, 16/64"	CK, 28 BWPH,
7/5/2008	SUPERVIS	OR: KEN WARRE	N					MD:
11312000	7:00 -	ILLIA MATINE	33	Α	T T	AM FLBK REPORT: CP 2800#, TF RACE SAND, - GAS TL BBLS RECOVERED: 3484 BLS LEFT TO RECOVER: 10909	P 1900#, 18/64'	 CK, 39BWPH,
	9:30 -		PROD			VELL TURNED TO SALES @ 0930 600#, CP 2200#, CK 20/64", 1900 I		
7/0/0000	STIDED/16	OR: VENIMADDE					.,	MD:
7/6/2008	SUPERVIS	OR: KEN WARRE	N					

Wins No.: 96370	BONAN	ZA 1023-5H		API No.:	4304737320
EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION		REASON: MV		
	OBJECTIVE: DEVELOPMENT		DATE WELL STARTED/F	RESUMED: •	
	OBJECTIVE2: ORIGINAL		Event End Status: COMP	LETE	
RIG OPERATIONS:	Begin Mobilization Rig On Location	Rig Charges	Rig Operation Start Finish Drilling	Rig Release	Rig Off Location
KEY 243 / 243	06/26/2008				07/02/2008
Date Tim Start-I		Subco P/U	Operat		
7:00 -	33	Α	7 AM FLBK REPORT: CP 2700#, TI	P 1800#, 20/64'	CK, 25 BWPH,
			CLEAN SAND, - GAS TTL BBLS RECOVERED: 1929		
			BBLS LEFT TO RECOVER: 12506		

Form 3160-4 (August 1999) UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Expires: November 30, 2000

5. Lease Serial No.

													UTL	J-33	433				
1a. Type of b. Type of			<sup>r</sup> ell X	•		Dry Vork Over	Othe	r Deepen	☐ Plu	ıg Back	☐ Diff.	Resvr.	6.	If In	dian, A	Allottee o	r Trib	e Nam	e
			Other _										7.	Unit	or CA	Agreem	ent N	ame ar	ıd No.
2. Name of	•			10110									I			e and W			
KERR-N 3. Address	ICGEE (	JIL & G	AS OF	ISHC	KEI	<u>-P</u>			3a Pho	one No. (in	clude area	r code)				1023	-5H		
	NITH 40	00 EAC	T VE	DNAI	LIT	V F1 6 V U.	70		Ja. The	•	781-702	•	i		Well 1				
1368 SC 4. Location								ral reaui	  rements		01-702		430	473	7320	)			
At surface		porriodar				'FNL, 57							NAT	ΓUR	AL E	Pool, or I BUTTE	s		
At top prod	interval rea	norted belo	NW.										11.			L., M., or			0S, R23E
		orica och	3 <b>vv</b>											Cou	inty or	Parish	OLO	1	<ol><li>State</li></ol>
At total dep 14. Date St			115	Date T	'D Da	aahad			I16 Det	e Complete			UIN			(DF, Rk	D D		UTAH *
04/11/08			- 1	/18/0		acricu				D&A		dy to Prod.	533			(Dr, Kr	ш, к	.1, UL)	
18. Total D	epth: MI		8415'		19. PI	ug Back T.I		1D VD	8253			20. Depth	Bridg	e Plu	g Set:	MD TVD			
21. Type E			anical Lo	gs Run	(Subm	it copy of e		VD	<del> </del>		22. Was	well cored	? <b>X</b>	No			mit c	юру)	
21					`	••	,				Was	DST run?	X	No		Yes (Sub	mit c	юру)	
CBL-Ce	<b>Ľ</b> -GR , ,	$Q_{\perp}Q_{\sim}$	SM	AC	$\mathcal{IR}$	4					Dire	ctional Sur	vey?	N N	lo	Yes	(Subr	nit cop	y)
23. Casing	and Liner R	ecord (R	eport all	strings .	set in v	vell)						1	. 1						
Hole Size		Wt. (#/	ft.)	Top (M	ID)	Bottom (N	AD)	Stage Ce Dep		No. of Type of	Cement	Slurry V (BBL)		Ce	ment	Гор*	A	Amount	Pulled
20"	14"	36.7				40'				28							·	<del></del>	
12 1/4"	9 5/8"	36#				2130					SX		-					1	
7 7/8"	4 1/2"	11.6	#			8415	) <sup>*</sup>			1630	SX		$\dashv$						-
24. Tubing	Record					· · ·													
Size	Depth Se	t (MD)	Packer l	Depth (1	MD)	Size		Depth Se	t (MD)	Packer De	pth (MD)	Siz	œ_		Depth	Set (MD	)	Packer	Set (MD)
2 3/8"	784	12'															_		
26 D 1	<u> </u>							26 P6-		4		<u> </u>							
25. Produc	Formation			Тор		Botton		26. Perfo	rforated 1			Size	N	o. Ho	iles	ı	Per	f. Statu	10
A) M	ESAVER			672		8130			721'-8			0.36	<u> </u>	351			_	PEN	
B)				<u> </u>	<u> </u>	3,55		<u></u>					T						
C)																			
D)															E.		<u>~</u>	*** **	
27. Acid, F			ement So	ueeze,	Etc.			<del> </del>			1				P	RE	<u>L</u>	IV	
	Depth Inter		- Di	4D 40	172	BBLS S	LICK	(1120		Amount an						-111	7	8 20	nno
	3721'-81	30	Pr	/IP 12	2,473	BBLSS	LICT	\ n2U	<u> </u>	, 195# 30	U/SU IVII	<u> </u>			- 1600 640	JU	<u> </u>	U ZI	UUO
															DI	V. OF O	IL, G	AS &	MINING
28. Produc	ti T	-1 A						·										····	
	Test	Hours	Test	Oil		Gas	Water		Oil Grav	rity	Gas		Produ	ction	Method				·
	Date	Tested 24	Production	n BBL	0	мсғ 2,388	BBL 5	550	Corr. Al	PI	Gravity			F	LOV	VS FR	OM	WEL	_L
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Water		Oil Grav	•	Well Statu	s	*						
	Flwg. 1550# SI	Press. 2205#	Rate	BBL	0	мсғ 2388	BBL	550	Cort. Al	71		PF	RODI	UCI	NG (	GAS W	/ELI	L	
28a. Produ	ction - Inter							·			<u> </u>	N.							
Date First Produced	Test Date	Hours Tested	Test Production	Oil n BBL		Gas MCF	Water BBL		Oil Grav Corr. Al	•	Gas Gravity		Produ	ection	Method	l			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	-	Oil Grav Corr. Al	-	Well Statu	as .	1						
	SI		<u> </u>	·			1												

28b. Pro	duction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	rval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
SOLD	osition of Gas									
30. Sum	mary of Porou	ıs Zones (Iı	nclude Aqui	fers):				31. Formation	on (Log) Markers	
tests,	v all importan , including de recoveries.	t zones of p pth interval	oorosity and I tested, cus	contents then	reof: Cored ne tool open,	intervals and a flowing and sh	all drill-stem ut-in pressures			
For	rmation	Тор	Bottom		Descript	tions, Contents,	etc.		Name	Top Meas. Depth
MAHO WASA MESA		1356' 1892' 4279' 6309'	1892' 4279' 6309'	ocedure):						
1. E	le enclosed at	hanical Log				Geologic Repor		DST Report	Directional Survey	
				nt verification		Core Analysis		Other:		. \.
					ation is comp	plete and correc			records (see attached inst	ructions)*
Name	c (please prin	SHEI	LA UPCI	HEGO	- /	0000	Title		TORY ANALYST	
Signa	ature #	//r	M	M	alle	90	Date	07/22/08	als to any department or a	gency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTI	CES AND REPORTS ON WELLS
Do not use this form	n for proposals to drill or to re-enter an
	a form 2460 2 (ADD) for auch menacole

5. Lease Serial No.

SUNDRY	NOTICES AND REPO	RTS ON WI	ELLS		UTU33433	
abandoned we	is form for proposals to II. Use form 3160-3 (AP)	D) for such p	roposals.		6. If Indian, Allottee of	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/Agree	ement, Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Oth	ner .				8. Well Name and No. BONANZA 1023-	
Name of Operator     KERR-MCGEE OIL & GAS OI	Contact: NSHORŒĿMail: sheila.upcł	SHEILA UPC nego@anadark	HEGO o.com		9. API Well No. 43-047-37320	
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		3b. Phone No Ph: 435-78	(include area code 1-7024	)	10. Field and Pool, or NATURAL BUT	Exploratory TES
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)		<del></del>	11. County or Parish,	and State
Sec 5 T10S R23E SENE 1817	7FNL 571FEL				UINTAH COUN	TY, UT
12. CHECK APPE	ROPRIATE BOX(ES) TO	) INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
Notice of Intent	☐ Acidize	☐ Dee	pen	□ Product	ion (Start/Resume)	■ Water Shut-Off
	☐ Alter Casing	☐ Frac	ture Treat	☐ Reclam	ation	■ Well Integrity
☐ Subsequent Report	Casing Repair	□ New	Construction	🛮 Recomp	olete	☐ Other
Final Abandonment Notice	Change Plans	Plug	and Abandon	☐ Tempor	arily Abandon	
	☐ Convert to Injection	Back	■ Water I	Disposal		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi THE OPERATOR REQUESTS COMPLETE THE WASATCH NEWLY WASATCH AND MES	operations. If the operation resonandonment Notices shall be file and inspection.)  AUTHORIZATION TO FAND MESAVERDE FOR	sults in a multipled only after all r RECOMPLET MATIONS, TI	e completion or rece equirements, include E THE SUBJEC HE OPERATOR	ompletion in a reling reclamation  T WELL. TI  REQUESTS	new interval, a Form 316 a, have been completed, a HE OPERATOR PR S AUTHORIZATION	0-4 shall be filed once and the operator has OPOSES TO I TO COMMINGLE THE
PLEASE REFER TO THE ATT						
				COPY SENT	TO OPERATOR	
				. 2.	A. 2019	
				Date: 2	4.2009	
				Initials:	¥5_	
14. I hereby certify that the foregoing is	true and correct. Electronic Submission # For KERR-MCGEE	67338 verified OIL & GAS 0	by the BLM Wel	I Information t to the Verna	System al	
Name (Printed/Typed) SHEILA U	PCHEGO		Title OPERA	TIONS		<u> </u>
Signature Mulifictyonic &		1	Date 02/17/2	009		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	
Approved By 55	Whit.		Title Pet	Eng.		Date 2/26/09
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the ct operations thereon.	subject lease	Office DOC	in	Federal Appr	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter wi	rson knowingly and thin its jurisdiction	willfully to ma	ake to any department or	agency of the United

Name:

Bonanza 1023-5H

Location:

**SE NE Sec. 5 10S 23E** 

**Uintah County, UT** 

Date:

02/02/09

**ELEVATIONS:** 

5211 GL

5229 KB

TOTAL DEPTH:

8415

**PBTD:** 8353

**SURFACE CASING:** 

9 5/8", 36# J-55 ST&C @ 2079' 4 1/2", 11.6#, I-80 LT&C @ 8397'

Marker Joint 4158-4178'

#### **TUBULAR PROPERTIES:**

**PRODUCTION CASING:** 

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)			·		
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

#### **TOPS:**

1356' Green River

1569' Birdsnest

1892' Mahogany

4864' Wasatch

6399' Mesaverde

Estimated T.O.C. from CBL @3000

#### **GENERAL:**

- A minimum of 10 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 5/19/08
- 4 fracturing stages required for coverage.
- Procedure calls for 5 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale
  inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor
  if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7842
- Originally completed on 07/02/08

#### **Existing Perforations:**

Zone	From	То	SPF	# of Shots
Mesaverde	6618	6628	4	40
Mesaverde	6721	6726	4	20
Mesaverde	6762	6767	4	20
Mesaverde	6858	6864	4	24
Mesaverde	6905	6908	3	9
Mesaverde	6939	6942	3	9
Mesaverde	7030	7035	4	20
Mesaverde	7095	7100	4	20
Mesaverde	7148	7150	4	8
Mesaverde	7274	7278	3	12
Mesaverde	7358	7363	4	20
Mesaverde	7430	7434	3	12
Mesaverde	7516	7520	4	16
Mesaverde	7576	7584	4	32
Mesaverde	7672	7675	3	9
Mesaverde	7705	7708	4	12
Mesaverde	7727	7730	4	12
Mesaverde	7783	7786	4	12
Mesaverde	7878	7888	4	40
Mesaverde	8028	8030	4	8
Mesaverde	8048	8051	4	12
Mesaverde	8077	8080	4	12
Mesaverde	8127	8130	4	12

#### **PROCEDURE:**

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7842'). Visually inspect for scale and consider replacing if needed.
- 3. If tbg looks ok consider running a gauge ring to 6540 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6540 (50' below proposed CBP).
- 4. Set 8000 psi CBP at  $\sim$  6490'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots MESAVERDE 6450 6460 4 40

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6400' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~6190'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots WASATCH 6010 6014 4 16 WASATCH 6154 6160 4 24

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5960' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~5912'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To spf # of shots WASATCH 5754 5760 4 24 WASATCH 5878 5882 4 16

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5704' trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 11. Set 8000 psi CBP at ~5344'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To # of shots spf 5098 WASATCH 5102 3 12 WASATCH 5252 5258 3 18 WASATCH 5310 5314 3 12

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~5048' and flush only with recycled water.
- 13. Set 8000 psi CBP at~5048'.
- 14. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
- 15. Mill plugs and clean out to PDTD. Land tubing at  $\pm 7842$ ' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 16. RDMO
- 17. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call Sarah Schaftenaar, Denver, CO (303)-895-5883 (Cell) (720)-929-6605 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

Fracturing Schedules
Name Bonanza 1023-5H
Slickwater Frac

3697.707 88.0406429

					T												Cum.	Footage	Scale
		Feet	Pe	rfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid % of	Sand	Sand	Sand	from CBP to	Inhib.,
tage	Zone	of Pay	Top, ft.	Bot., ft	SPF	Holes	BPM	Туре	ppg	ppg		BBLs	BBLs	frac	% of frac	lbs	lbs	Flush	gal.
													90 SAMON						
	MESAVERDE	10	6450	6460	4	40		Pump-in test			Slickwater	[ 0	0						
	MESAVERDE	0						ISIP and 5 min ISIP				ŀ							40
	MESAVERDE	0			İ		50	Slickwater Pad			Slickwater	89	89	15.0%	0.0%	0	0		11
	MESAVERDE	0			İ		50	Slickwater Ramp	0.25	1.25	Slickwater	298	387	50.0%	39.7%	9,375	9,375		19
	MESAVERDE	0			Ì		50	Slickwater Ramp	1.25	2	Slickwater	208	595	35.0%	60.3%	14,219	23,594		0
	MESAVERDE	0					50	Flush (4-1/2")	-			99	695				23,594	:	40
	MESAVERDE	0						ISDP and 5 min ISDF	Š				-						110
														:	gal/ft	2,500	2,359	lbs sand/ft	
		10		# of Perf	, s/stage	40						FI	ush depth	6400	СВ	P depth	6,190	210	
							14.4	<< Above pump time	(min)									Kar	
2	WASATCH	9	6010	6014	4	16	Property of Age Age	Pump-in test	No. 92 of the city	t diament	Stickwater	0	0	1.7.2412-03511	Service Sept	Despitative Agranting	La North Light Partie (No.)	2017-3- November 200	932777 (A. C'DA)
_	WASATCH	8	6154	6160	4	24		ISIP and 5 min ISIP				'							
	WASATCH	0		2.00	'			Slickwater Pad			Slickwater	147	147	15.0%	0.0%	0	n		19
1	WASATCH	0						Slickwater Ramp	0.25	1 25	Slickwater	491	638	50.0%	1		15,469		31
	WASATCH	0						Slickwater Ramp	1.25		Slickwater	344	982	35.0%	i		38,930		0
	WASATCH	0						Flush (4-1/2")	1.20		Olicumate)	93	1,075	30.070	00.370	20,701	38,930		38
}	WASATCH	0			l		00	ISDP and 5 min ISDF				~	1,070				00,000		88
	YVASAICH	U						IODE and 5 min 1904	ĺ				:		401/6	2,500	2 350	   bs sand/ft	
- }		17		n -t n - t	 	10		1		1		L .	ush depth	5960		P depth	,	48	1
		17 17 (18)		# of Perf	erstage I	40		5.6 <b>5</b> 178.868.67			(FIDVS#4000)	FI Delicated	usn depur	0900		r uepui	0,312  241101303	40 13:06/70/08	BANKETS
	San Line State		NAGES:				22.4	<< Above pump time	(min)			12-12-120	wita-uti	Carrie		24111190			ZZESCIAZA
-	WASATCH	9	5754	5760	4	24	Varied	Pump-in test			Slickwater	0	0					ļ	
1	WASATCH	3		no perfs				ISIP and 5 min ISIP								_	_		
	WASATCH	0		no perfs				Slickwater Pad		l	Slickwater	156	156	15.0%	0.0%	0	0		20
	WASATCH	0		no perfs				Stickwater Ramp	0.25		Slickwater	521	677	50.0%			16,406		33
- 1	WASATCH	6	5878	5882	4	16		Slickwater Ramp	1.25	2	Slickwater	365	1,042	35.0%	60.3%	24,883	41,289	}	0
	Wasatch	0					50	Flush (4-1/2")				89	1,130				41,289		35
	Wasatch	, 0			ŀ			ISDP and 5 min ISDF											87
- 1															gal/ft			lhs sand/ft	
	and and the state of the state	18	no company and the set	# of Perf	s/stage	40		TO SECURE OF THE				FI	ush depth	5704	CB	P depth	5,344	360	2007 21 220 007
							23.5	<< Above pump time	(min)										
4	WASATCH	4	5098	5102	3	12	Varied	Pump-in test			Slickwater	0	0						
- 1	WASATCH	9	5252	5258	3	18	0	ISIP and 5 min ISIP	ļ										
- 1	WASATCH	4	5310	5314	3	12	50	Slickwater Pad			Slickwater	152	152	15.0%	0.0%	0	0		19
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwater	506	658	50.0%	39.7%	15,938	15,938	İ	32
- 1	WASATCH	0						Slickwater Ramp	1.25	ı	Slickwater	354	1,012	35.0%	60.3%	24,172	40,109		0
- 1	WASATCH	0						Flush (4-1/2")		_		78	1.090				40,109		0
- 1	WASATCH	0						ISDP and 5 min ISDF	)				· ·				·		51
	TITIO II OI	•		•				loor wife o min top,				·			gal/ft	2,500	2.359	lbs sand/ft	
		17		# of Perfs	i √stage	42			1			FI	ush depth	5048		P depth	,	0	LOOK
					- July		22.7	<< Above pump time	/mint				65182424	SVIV.		ŞTÇ		7547789	
	Totals	61			BESSE VERS	162	44.1	lassanie hamb mis	i Anni	BALAND.		gals	3,986	hhle	KARCANA Tai	al Sand	143,922	100-51-65141181	EWARACIA
	TOTALS	01				162						-	0,500	เมเร	, 01	ai Jailu	140,322	-	
		1			ı	1		I		1		bbls	l		1	1		I	l

Name Bonanza 1023-5H Perforation and CBP Summary

	Zones	Perf	orations		·					
Stage		Top, ft	Bottom, ft	SPF	Holes	Frac	Fracture Coverage			
								da ka 1		
1	MESAVERDE	6450	6460	4	40	6450	to	6460		
	# of Perfs/stage				40	CBP DEPTH	6,190			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		54-23-27							
2	WASATCH	6010	6014	4	16	6009	to	6017.5		
	WASATCH	6154	6160	4	24	61 53.5	to	6161.5		
	# of Perfs/stage				40	CBP DEPTH	5,912			
		Carlo Service				- 100				
3	WASATCH	5754	5760	4	24	5752.5	to	5761		
	WASATCH		no perfs			5762	to	5765		
	WASATCH		no perfs			5870.5	to	5871		
	WASATCH		no perfs			5872	to	5874		
	WASATCH	5878	5882	4	16	5877	to	5883		
_	# of Perfs/stage				40	CBP DEPTH	5,344			
4	WASATCH	5098	5102	3	12	5098	to	5102		
	WASATCH	5252	5258	3	18	5249.5	to	5258.5		
	WASATCH	5310	5314	3	12	5310	to	5314		
_	# of Perfs/stage				42	CBP DEPTH	5,048			
							18 (30 Km)			
	Totals				162	_				

Name Bonanza 1023-5H Perforation and CBP Summary

		Perf	orations									
Stage	Zones	Top, ft	Bottom, ft	SPF	Holes	Frac	Fracture Coverage					
	1 MESAVERDE	6450	6460	4	40	6450	to	6460				
	# of Perfs/stage				40	CBP DEPTH	6,190					
2	2 WASATCH	6010	6014	4	16	6009	to	6017.5				
	WASATCH	6154	6160	4	24	6153.5	to	6161.5				
	# of Perfs/stage	_			40	CBP DEPTH	5,912					
					198							
	3 WASATCH	5754	5760	4	24	5752.5	to	5761				
İ	WASATCH		no perfs			5762	to	5765				
	WASATCH		no perfs			5870.5	to	5871				
	WASATCH		no perfs			5872	to	5874				
	WASATCH	5878	5882	4	16	5877	to	5883				
	# of Perfs/stage				40	CBP DEPTH	5,344					
			100 miles	100								
4	4 WASATCH	5098	5102	3	12	5098	to	5102				
	WASATCH	5252	5258	3	18	5249.5	to	5258.5				
	WASATCH	5310	5314	3	12	5310	to	5314				
	# of Perfs/stage				42	CBP DEPTH	5,048					
					, B							
	Totals				162							

	FORM 9							
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-33433					
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-5H					
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		<b>9. API NUMBER:</b> 43047373200000					
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1817 FNL 0571 FEL			COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH					
11. CHE	CK APPROPRIATE BOXES TO INDICATE N.	ATURE OF NOTICE, REPORT, (	OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	ACIDIZE	ALTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion: 9/15/2009		FRACTURE TREAT	☐ NEW CONSTRUCTION					
3/13/2009		PLUG AND ABANDON	L PLUG BACK					
SPUD REPORT Date of Spud:		RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION					
		SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON					
DRILLING REPORT		VENT OR FLARE	☐ WATER DISPOSAL ☐ APD EXTENSION					
Report Date:		SI TA STATUS EXTENSION						
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  ON 09/02/2009 THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE  SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCHACCEPted by the  AND MESAVERDE FORMATIONS, AND HAS COMMINGLED THE NEWLY Utah Division of  WASATCH AND MESAVERDE FORMATIONS ALONG WITH THE EXISTINGOIL, Gas and Mining  MESAVERDE FORMATIONS. THE OPERATOR HAS PLACED THE SUBJECTIVER RECORDED OF ATTACHED CHRONOLOGICAL WELL HISTORY.  ATTACHED CHRONOLOGICAL WELL HISTORY.								
NAME (PLEASE PRINT) Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	TITLE Regulatory Analyst						
SIGNATURE N/A		<b>DATE</b> 10/7/2009						

#### **US ROCKIES REGION Operation Summary Report** Spud Conductor: 4/11/2008 Spud Date: 4/13/2008 Well: BONANZA 1023-5H Project: UTAH-UINTAH Site: BONANZA 1023-5H Rig Name No: MILES-GRAY 1/1 Event: RECOMPL/RESEREVEADD Start Date: 9/8/2009 End Date: Active Datum: RKB @5,351.00ft (above Mean Sea UWI: BONANZA 1023-5H Level) P/U MD From Date Time Duration Phase Code Sub Operation Start-End (ft) (hr) Code 9/2/2009 7:00 - 7:15 0.25 COMP 48 Ρ JSA MOVING & RU SAFELY 7:15 - 15:00 Р RD OFF BON 1023-7E MOVE RIG & EQUIP TO COMP 7.75 30 BONANZA 1023-5H SPOT RIG & EQUIP RU RIG, FWP= 150# COMTROL WELL W/ 20 BBLS OF TREATED WTR ND WELLHEAD NU BOPS POOH W/ PROD TUBING ND BOPS NU FRAC VALVES **SWIFN** 9/3/2009 7:00 - 7:15 0.25 COMP 48 Ρ JSA W/L SAFETY 7:15 - 7:15 0.00 COMP 30 , SIWP= 400 PSI, OPEN WELL TO FBT. RU CASED HOLE SOLUTIONS PU RIH W/ 3.781 GUAGE RING TO 6540' POOH PU HALLI 10K CBP RIH SET @ 6490' POOH RU B& C TESTERS TEST CAS & CBP TO 6200 PSI. PU PERF GUN PERF MESA VERDE USING 3-3/8" EXPEND {SCALLOP} 23 GRM, .036 HOLE 6450'-6460' 4 SPF, 90\* PH 40 HOLES READY TO FRAC TUES MORN.

# US ROCKIES REGION Operation Summary Report Spud Conductor: 4/11/2008 Spud Date: 4/13/2008 Site: BONANZA 1023-5H Rig Name No: MILES-GRAY 1/1 Start Date: 9/8/2009 End Date: UWI: BONANZA 1023-5H

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/8/2009	7:00 - 15:00	8.00	COMP	36	E	Р	(11)	JSA- SAFETY MEETING #3 W/ FRACTECH AND CASEDHOLE WIRELINE,

Well: BONANZA 1023-5H
Project: UTAH-UINTAH

Level)

Event: RECOMPL/RESEREVEADD

Active Datum: RKB @5,351.00ft (above Mean Sea

CASEDHOLE WIRELINE,
(STG #1) WHP = 256#, R/U FRAC TECH
PRESSURE TESTED SURFACE LINE TO 7200#,
BRK DN PERF 4460#, © 5 B/M, INJ-RT = 42.3 B/M,
INJ PRESSURE = 2853#, ISIP = 1129#, F. G. = 0.61,
PUMP 3 BBLS 15% HCL AHEAD OF INJ., CALC
78% PERF OPEN, PUMP 2260 BBL SLK WTR, &
85017# OTTAWA 30/50 SAND, ISIP = 2222#, F.G. =
0.78, NPI = , MP = 4596#, MR = 51 B/M, AP =
3156#, AR = 48.6 B/M, 80017# OTTAWA SAND,
5000# TLC SAND, 46 GALS OF FRW, 176 GALS
CLAYTREAT, 207 GALS NALCO SCALE INHIB, 48
GALS NALCO BIOCID

( STG #2 ) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 6184', PERF THE WASATCH @ 6154' TO 6160' AND 6010' - 6014', 4-SPF, USING 3 3/8" EXP GUNS 23 GM, O.36 HOLE, 90\* PHS, 40 HOLES, WHP = 125#, BRK DN PERF @ 1465# @ 4 B/M, INJ-RT = 46.4 B/M, INJ- P = 3328#, ISIP = 1117#, F.G. = 0.62, CALC 72% PERF OPEN, PUMP 1431 BBLS SLK WTR & 57260# 30/50 OTTAWA SAND, ISIP = 2010#, F.G. = 0.76, NPI = 893, MP = 4708#, MR = 55.9 B/M, AP = 3192#, AR = 44.9 B/M, 52260# 30/50 OTTAWA SAND, 5000# TLC SAND, 112 GALS CLAYTREAT, 23 GALS FRW, 123 GALS NALCO SCALE INHIB, 27 GALS NALCO BIOCID

( STG #3 ) RIH W/ HALLIBURTON 8K CBP &PERF GUNS, SET CBP @ 5912', PERF THE WASATCH @ 5878'-5882' AND 5754' - 5760', 4-SPF, USING 3 3/8 " EXP GUNS, 23 GM, 0.36 HOLE, 90\* PHS, 40 HOLES, WHP = 315#, BRK DB PERF @ 2364#, @ 4 B/M, INJ-RT = 48.8 B/M, INJ-P = 2974#, ISIP = 1234#, F.G.= 0.65, CALC ALL PERF OPEN, PUMP 1037 BBLS SLK WTR & 44471# OTTAWA SAND, ISIP = 1375#, F.G.= 0.67, NPI = 141, MP = 3368#, MR = 49.9 B/M, AP = 2310#, AR = 49.2 B/M, 39471# 30/50 OTTAWA SAND, 5000# 20/20 TLC SAND. 76 GALS CLAYTREAT, 24 GALS FRW, 142 GALS NALCO SCALE INHIB, 22 GALS NALCO BIOCID

( STG #4 ) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 5360', PERF THE WASATCH @ 5310' - 5314', 5252 - 5258', AND 5098' - 5102', 3-SPF, USING 3 3/8" EXP GUNS, 23 GM, 0.36 HOLE 90\* PHS, 42 HOLES, WHP = 105# BRK DN PERF @ 1268# @ 5 B/M, INJ-RT = 49 B/M, INJ-P = 2818#, ISIP = 758#, F.G.= 0.58, CALC 71% PERF OPEN, PUMP 1165 BBLS SLK WTR, 52401# OTTAWA SAND, ISIP = 1622#, F.G.= 0.74, NPI = 864,

MP = 3274#, MR = 50.9 B/M, AP = 2527#, AR = 49.3 B/M, 47401# 30/50 OTTAWA SAND, 5000# 20/40 TLC SAND, 87 GALS CLAYTREAT, 20 GALS FRW, 84 GALS NALCO SCALE INHIB, 18 GALS NALCO BIOCID

( KILL PLUG ) RIH W/ HALLIBURTON 8K CBP, SET CBP @ 5040', POOH R/D WIRELINE, R/D FRAC TECH, TOTAL FLUID = 5893 BBLS SLK WTR, TOTAL SAND = 239149#,

#### US ROCKIES REGION **Operation Summary Report** Well: BONANZA 1023-5H Spud Conductor: 4/11/2008 Spud Date: 4/13/2008 Rig Name No: MILES-GRAY 1/1 Project: UTAH-UINTAH Site: BONANZA 1023-5H Event: RECOMPL/RESEREVEADD Start Date: 9/8/2009 End Date: Active Datum: RKB @5,351.00ft (above Mean Sea UWI: BONANZA 1023-5H Level) P/U MD From Date Time Duration Phase Code Sub Operation Start-End (hr) Code (ft) TOTAL CLAYTREAT = 384 GALS, TOTAL FRW = 87 GALS. TOTAL NALCO SCALE INHIB = 556 GALS, TOTAL NALCO BIOCID = 115 GALS. 15:00 - 17:00 2.00 COMP N/D FRAC VALVE, N/U BOPS, R/U FLOOR AND TBG EQUIP, P/U 3 7/8 BIT W/ POBS, TIH W/ 2 3/8" TBG TO @ 5000', SWI, SDFN. 9/9/2009 7:00 - 7:15 COMP 0.25 JSA-SAFETY MEETING #4, DAY 4 7:15 - 7:15 0.00 COMP 44 С Р NO PRESSURE ON WELL, R/U POWER SWIVEL, TAG CBP 5040', ( DRLG CBP #1 ) 5040', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 600# DIFF, RIH TAG @ 533O', C/O 30' SAND, FCP = 600#, ( DRLG CBP #2 ) 5360', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN. 400# DIFF. RIH TAG @ 5882'. C/0 30' SAND, FCP = 1000#, ( DRLG CBP #3 ) 5912', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 100# DIFF, RIH TAG @ 6154', C/O 30' SAND, FCP = 1100#, ( DRLG CBP #4 ) 6184', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 200# DIFF, RIH TAG @ 6460', C/O 30' SAND, FCP = 1300#, R/U WEATHERFORD FOAM UNIT TO TBG, CIRC DN TBG OUT CSG @ 1700#, ( DRLG CBP #5 ) 6490', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, W/ FOAM UNIT CIRC WELL, FCP = 1400#, RIH TAG 8130', CIRC WELL W/ FOAM UNIT, C/O TO 8238', CIRC WELL CLEAN W/ FOAM UNIT, R/D POWER SWIVEL, POOH LAY DOWN 13 JTS ON TRAILER, LAND TBG ON HANGER W/ 248 JTS 2 3/8" J-55 TBG, EOT @ 7836.42', R/D FLOOR & TBG EQUIP, N/D BOPS, N/U WELL HEAD, DROP BALL DN TBG, PUMP OFF THE BIT @ 875 #, WAIT 30 MIN FOR BIT TO FALL TO BTM. OPEN WELL TO TK. FTP = 0 #. SICP = 300 #, R/U FOAM UNIT BLOWED WELL AROUND, R/D FOAM UNIT, TURN WELL OVER TO FLOW BACK CREW W/ FTP = 450 #, SICP = 750 #, @ 7:00 P.M., 5253 BBLS WTR LTR. AVG. 5 MIN PER PLUG @ 120' SAND. KB = 18.00' HANGER = .83' 248 JTS 2 3/8" J-55 TBG = 7815.39' FAST EDDIE SN 1.875 PROFILE = 2.20' TOTAL = 7836.42' 7:00 9/10/2009 33 Α 7 AM FLBK REPORT: CP 900#, TP 100#, OPEN/64" CK, 0 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED: 1141 BBLS LEFT TO RECOVER: 5253 7:00 - 13:00 6.00 **COMP** 33 900# ON CSG 0# ON TBG, R/U WEATHERFORD FOAM UNIT TO TBG, BLOWED WELL AROUND W/ UNLOADING WTR, HOOK UP TO CSG BLOWED WELL AROUND 2 TIMES, WELL FLOWING TO TK W/ 300# ON TBG AND SICP 1600#, R/D FOAM UNIT, PUT WELL ON TEST.

## **US ROCKIES REGION**

# **Operation Summary Report**

Well: BONANZA 1023-5H Spud Conductor: 4/11/2008 Spud Date: 4/13/2008 Project: UTAH-UINTAH Site: BONANZA 1023-5H Rig Name No: MILES-GRAY 1/1 Event: RECOMPL/RESEREVEADD Start Date: 9/8/2009 End Date:

Active Datum: RKB @5,351.00ft (above Mean Sea Level)				UWI: BONANZA 1023-5H				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/11/2009	-							
9/12/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1650#, TP 0#, OPEN/64" CK, - BWPH, - SAND, - GAS TTL BBLS RECOVERED: 1607 BBLS LEFT TO RECOVER: 4686
9/13/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1675#, TP 0#, OPEN/64" CK, - BWPH, - SAND, - GAS TTL BBLS RECOVERED: 1815 BBLS LEFT TO RECOVER: 4478
9/14/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1650#, TP 0#, OPEN/64" CK, - BWPH, - SAND, - GAS TTL BBLS RECOVERED: 1960 BBLS LEFT TO RECOVER: 4333
9/15/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1250#, TP 250#, OPEN/64" CK, 30 BWPH, medium SAND, - GAS TTL BBLS RECOVERED: 2665 BBLS LEFT TO RECOVER: 3628
9/16/2009	7:00 -			33	Α			7 AM FLBK REPORT: CP 1100#, TP 500#, 32/64" CK, 20 BWPH, MEDIUM SAND, 1 GAS TTL BBLS RECOVERED: 3247 BBLS LEFT TO RECOVER: 3046
9/17/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1100#, TP 450#, 32/64" CK, 15 BWPH, LIGHT SAND, 1.2 GAS TTL BBLS RECOVERED: 3722 BBLS LEFT TO RECOVER: 2571

Sundry Number: 1-8083 Approval of this: 43047373200000

Action is Necessary

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-33433		
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition not use this form for such proposals.	7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-5H		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047373200000		
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHONE I treet, Suite 600, Denver, CO, 80217 3779	NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1817 FNL 0571 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
9/2/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	☐ OPERATOR CHANGE ☐	PLUG AND ABANDON	☐ PLUG BACK		
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
· I	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	✓ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:		
12 DESCRIPE PROPOSED OF CO	MPLETED OPERATIONS. Clearly show all pertine		,		
l .	lests approval to workover the si		olumes, etc.		
	of water shutoff by perforation s		Accounts of but the		
	attached procedure.		Accepted by the Utah Division of		
			Oil, Gas and Mining		
			00/20/2011		
		Da	ate: $09/20/2011$		
		В	Lork Lunt		
		<b>D</b> )	y		
NAME (PLEASE PRINT) Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A		<b>DATE</b> 9/1/2011			

**Water Shut-Off Workover Procedure** 

Name: Bonanza 1023-5H

Location: <u>SE NE Sec. 5 10S 23E</u>

**Uintah County, UT** 

Date: 9/01/2011

**ELEVATIONS:** 5211 GL 5229 KB

**TOTAL DEPTH:** 8415 **PBTD:** 8353

**SURFACE CASING:** 9 5/8", 36# J-55 ST&C @ 2079' **PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 8397'

Marker Joint 4158-4178'

#### **TUBULAR PROPERTIES:**

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

#### **TOPS:**

1356' Green River

1569' Birdsnest

1892' Mahogany

4864' Wasatch

6399' Mesaverde

Estimated T.O.C. from CBL @3000

# Perfs:

Legal Well Name	Date	MD Top (ft)	MD Base (ft)	SPF	Stage
BONANZA 1023-5H	9/3/2009	5,098.00	5,102.00	3	R4
BONANZA 1023-5H	9/3/2009	5,252.00	5,258.00	3	R4
BONANZA 1023-5H	9/3/2009	5,310.00	5,314.00	3	R4
BONANZA 1023-5H	9/3/2009	5,754.00	5,760.00	4	R3
BONANZA 1023-5H	9/3/2009	5,878.00	5,882.00	4	R3
BONANZA 1023-5H	9/3/2009	6,010.00	6,014.00	4	R2
BONANZA 1023-5H	9/3/2009	6,154.00	6,160.00	4	R2
BONANZA 1023-5H	9/3/2009	6,450.00	6,460.00	4	R1
BONANZA 1023-5H	6/25/2008	6,618.00	6,628.00	4	9
BONANZA 1023-5H	6/26/2008	6,721.00	6,726.00	4	8
BONANZA 1023-5H	6/26/2008	6,762.00	6,767.00	4	8
BONANZA 1023-5H	6/26/2008	6,858.00	6,864.00	4	7
BONANZA 1023-5H	6/26/2008	6,905.00	6,908.00	3	7
BONANZA 1023-5H	6/26/2008	6,939.00	6,942.00	3	7
BONANZA 1023-5H	6/26/2008	7,030.00	7,035.00	4	6
BONANZA 1023-5H	6/26/2008	7,095.00	7,100.00	4	6
BONANZA 1023-5H	6/26/2008	7,148.00	7,150.00	4	6
BONANZA 1023-5H	6/26/2008	7,274.00	7,278.00	3	5
BONANZA 1023-5H	6/26/2008	7,358.00	7,363.00	4	5
BONANZA 1023-5H	6/26/2008	7,430.00	7,434.00	3	5
BONANZA 1023-5H	6/26/2008	7,516.00	7,520.00	4	4
BONANZA 1023-5H	6/26/2008	7,576.00	7,584.00	4	4
BONANZA 1023-5H	6/26/2008	7,672.00	7,675.00	3	3
BONANZA 1023-5H	6/26/2008	7,705.00	7,708.00	4	3
BONANZA 1023-5H	6/26/2008	7,727.00	7,730.00	4	3
BONANZA 1023-5H	6/26/2008	7,783.00	7,786.00	4	3
		EOT @ 783	6'		
BONANZA 1023-5H	6/26/2008	7,878.00	7,888.00	4	2
BONANZA 1023-5H	6/26/2008	8,028.00	8,030.00	4	1
BONANZA 1023-5H	6/26/2008	8,048.00	8,051.00	4	1
BONANZA 1023-5H	6/26/2008	8,077.00	8,080.00	4	1
BONANZA 1023-5H	6/26/2008	8,127.00	8,130.00	4	1
		PBTD @ 825	i3'		

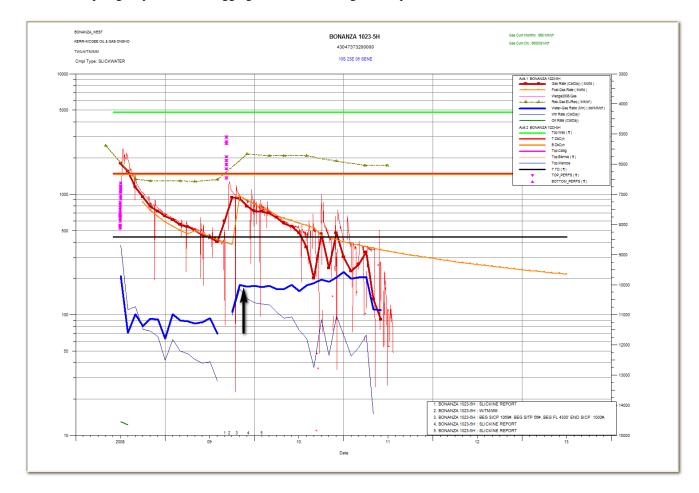
NOTE: Shaded perfs are the ones to be squeezed.

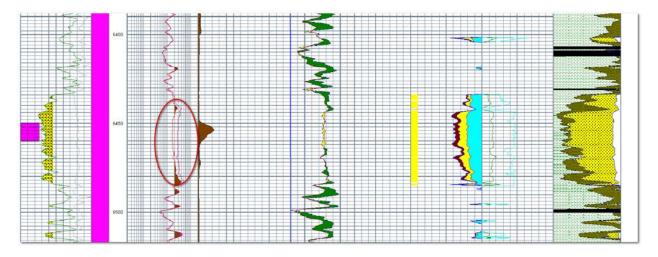
#### **Relevant History:**

- June 2008 Initial completion of 9 stages in the Mesaverde. Cleaned out to 8236' and landed tubing at 7842'. Pumped off POBS.
- August 2009 Slickline ran. Max TD @ 7901'. Broached tubing. Tubing had lots of scale and sand. Took sample.
- September 2009 Recompletion of 1 stage in the upper Mesaverde and 3 stages in the Wasatch. Cleaned out to 8238' and landed tubing @ 7836'. Pumped off POBS.
- December 2009 Slickline ran. Max TD @ 8180'. Broached tubing, tubing was clean.
- January 2010 Rig maintenance. Wellhead change. Plunger retrieved and well was killed with 80 BBLS. Changed tubing spool, RDMO.
- January 2010 Slickline ran. Max TD @ 8181'. Tubing had some sand.
- July 2010 Slickline ran. Max TD @ 8190'. Bailer stacked out @ 8190'. Broached tubing and tubing had traces of scale.
- February 2011 Slickline ran. Max TD @ 8171'. Stacked out at 7818'. Beat and beat and broke though. Stacked out again @ 8171'. Bailer had some scale. Broached tubing and found traces of scale.

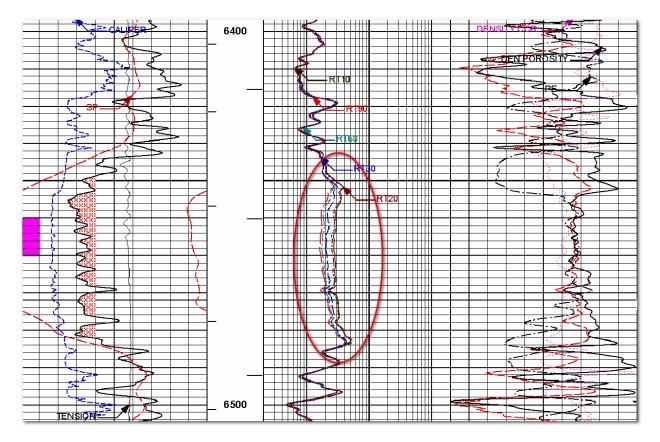
## **Symptoms:**

• LGR rose significantly following the 2009 recompletion of one Mesaverde stage and 3 stages in the Wasatch. Prior to the recomplete, the LGR was at 85 BBL/MMCF and has risen to 200 BBL/MMCF. Note that production has started to deviate away from its forecast as the well has gotten closer to its critical rate. Currently, the well is shut in and the swab rig has pulled on it for 3 days. It cannot make more than one plunger cycle without logging back off due to high water production.





• Shown above is the first stage of the recomplete within the Upper Mesaverde. The 10' perforation interval was into a larger sand showing poor resistivity compared to other successful sands within the Mesaverde. Also, the large serparation in resistivity curves is indicating very low deep resistivity. This resistivity seperation can also be seen in the following triple combo. This zone is known to be a large water contributer in other wells within the area.



#### **Prognosis:**

• Pull tubing; replace bad or suspect joints, RIH with CBP and retainer, squeeze the 1<sup>st</sup> recomplete stage (Upper MV), drill out, return to production.

## **Procedure:**

- MIRU. POOH (EOT @ 7836')
- R/U WIRELINE AND LUBRICATOR. RIH W/ GAUGE RING AND JUNK BASKET TO ~6550'. RIH W/ 4-1/2" CBP ON WIRELINE AND SET SAME @ ~6500'. POOH. RIH W/ 4-1/2" CICR ON TUBING AND SET SAME @ 6410'. (PERFS @ 6450'-6460')
- TIH W/TUBING & ATTEMPT TO ESTABLISH REVERSE CIRCULATION.
- STING INTO CICR AND ESTABLISH INJECTION RATE.
- R/U CEMENT COMPANY AND PUMP RECOMMENDED CEMENT JOB INTO PERFORATIONS FROM 6450'-6460'. UNSTING & REVERSE CICRULATE TUBING CLEAN. POOH W/STINGER. WOC.
- RIH W/ 3-7/8" BIT. D-O CEMENT TO ~6500'. TOOH.
- PU PACKER AND SET @ 6400'. PRESSURE TEST CASING AND PERFORATIONS TO 500 PSI FOR 10 MINUTES. RESQUEEZE IF NECESSARY. POOH.
- PU MILL AND RIH TO D-O CBP AND C-O TO PBTD @ ~8253'.
- POOH W/ MILL AND LAY DOWN SAME. RIH W/ PRODUCTION TUBING AND LAND SAME AT ~7836'.
- N/D BOPE. N/U WH. RDMO AND RTP.

## **Contacts**

Foreman Area	Title / Run	Phone	E-mail
Ben Smiley	Prod Eng V1	936-524-4231	Ben.Smiley@anadarko.com
Jay Aguinaga	FOREMAN V1	435-828-6460	Jay.Aguiniga@anadarko.com
Ryan Kunkel	Lead Operator	435-828-4624	Ryan.Kunkel@anadarko.com

			EODM 0
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-33433
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BONANZA 1023-5H	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		<b>9. API NUMBER:</b> 43047373200000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHONE Notes: Suite 600, Denver, CO, 80217 3779	UMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1817 FNL 0571 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
9/29/2011	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
		VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:			
		OTHER	OTHER: WATER SHUT OFF
THE OPERATOR F SUBJECT WELL ON ( OF A WATER SHUT (	PHONE NUMBER	PERATIONS ON THE ERATIONS CONSISTED ON CEMENT SQUEEZE CHRONOLOGICAL WELL OIL	ccepted by the
Sheila Wopsock	435 781-7024	Regulatory Analyst	
SIGNATURE N/A		<b>DATE</b> 10/14/2011	

				U	S ROCK	(IES RE	EGION	
				Opera	ition S	umma	ry Report	
Well: BONANZA	1023-5H		Spud Cor	onductor: 4/11/2008 Spud Date: 4/13/			Spud Date: 4/13	3/2008
Project: UTAH-U			Site: BON					Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3
Event: WELL WO	ORK EXPENSE		Start Date	e: 9/22/20	)11			End Date: 9/29/2011
Active Datum: RI	KB @5,351.00usft (ab	oove Mean Se	ea	UWI: BO	AZNANC	1023-5H		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
9/26/2011	7:00 -		WO/REP	30	A	P		7AM [DAY 1] JSA-POOH SCANNING TBG, W.L. WORK, RIH W/ RTNR. MIRU, NDWH, NUBOP & L/D HANGER LAST FRIDAY. FCP=80#, FTP=100#. BLEW WELL DN. CONTROL WELL W/ 20 BBLS TMAC WATER.  MIRU SCAN TECH. POOH SCANNING 2-3/8" J-55 TBG. [SLM] CONTROL TBG 3 X WHILE POOH W/ TBG[40 BBLS] L/D 108 RED BAND JTS WITH ID & OD PITTING. ALSO LIGHT TO MEDIUM SCALE ON OD ON BTM 2000'+ XN NIPPLE LIGHT SCALE ID & PITTED ID & OD.  MIRU C.H.S. RIH W/ HLBRTN 8K CBP, STACK OUT @ 6120'. POOH SLOWLY W/ CBP. RDMO C.H.S.  P/U FULL GAUGE RBS 3-7/8" MILL & RIH OUT OF DERRICK ON 4412' OF 2-3/8" TBG. CONTINUE P/U & RIH W/ TBG. [SLM & DRIFTED] RIH TO 6600'. SEEN NOTHING. POOH STDG BACK TBG. L/D BHA.  5:30 PM LEAVE WELL OPEN TO SALES. SDFN. PREP TO SET CBP, CMT RTNR & SQZ IN AM.
9/27/2011	7:00 -		WO/REP	30		P		7AM [DAY 2] JSA W.L. WORK, RIH W/ TBG, RTNR, CMT, PIS, POOH W/ TBG.  FCP=86#, FTP=80#. BLEW WELL DOWN. MIRU C.H.S. RIH W/ HLBRTN 8K CBP @ SET @ 6500. RDMO C.H.S.  P/U HLBRTN COMPOSITE CMT RETAINER & RIH ON 2-3/8" TBG. SET RTNR @ 6410'. STING IN. ESTABLISH INJECTION RATE OF 3.5 BPM @ 800# W/ 30 BBLS TMAC.  MIX & PUMP 5 BBLS [25 SKS] CMT, 15.8#, 1.15 YEILD, 1% CAL, MIX & PUMP 5 BBLS, [25 SKS] CMT, 15.8#, 1.15 YEILD, CLASS G CMT. WITH 1.5 BBLS INTO PERFS, STAGED 7.5 BBLS @ 5 MINUTE INTREVALS. PRESSURE UP TO 2000# W/ 0# LSS IN 5 MIN. LEFT 1.5 BBLS CMT IN TBG. STING OUT. COULD NOT FLUSH TBG. PUH W/ EOT @ 6310' TBG STANDING FULL OF WATER. R/U SWAB EQUIP, SWAB WATER FROM TBG. POOH STDG BACK TBG. FOUND BTM 24 JTS PLUGGED W/ CMT.

	US ROCKIES REGION										
				Opera	ation S	Summa	ary Report				
Well: BONANZA	Well: BONANZA 1023-5H Spud Conductor: 4/11/2008 Spud Date: 4/13/2008										
Project: UTAH-U	INTAH		Site: BON	IANZA 10	023-5H			Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3			
Event: WELL WO	ORK EXPENSE		Start Date	e: 9/22/20	011			End Date: 9/29/2011			
Active Datum: RI	KB @5,351.00usft (al	bove Mean S	ea	UWI: BO	AZNANC	1023-5H					
Date	Time	Duration	Phase	Code	Sub	P/U	MD From	Operation			
9/28/2011	7:00 -	(hr)	WO/REP	30	Code	P	(usft)	7AM [DAY 3] JSA RIH W/ TBG, FOAM UNITS, DRLG RTNRS & CMT, POOH W/ TBG, RIH W/ PKR, PSI.  MIRU WTFRD FOAM UNIT. SICP=400#. BLEW WELL DOWN. P/U 3-7/8" SLAUGH MILL W/ CARBIDE BUTTONS, X-O & RIH ON 2-3/8" J-55 TBG. TAG HLBRTN COMPOSITE CEMENT RETAINER @ 6410'. R/U SWVL. ESTABLISH CIRCULATION W/ FOAM UNIT IN 1 HR. DRILL OUT RETAINER IN 25 MINUTES. CONTIUE D/O 55' HARD CEMENT TO 6465'. (BTM PERF @ 6460') FELL THRU. RIH TO 6500. CIRCULATE WELL CLEAN. R/D SWVL.  12:45 PM POOH STANDUNG BACK TBG. L/D BHA. 2:30 PM P/U WTFRD HD PKR & RIH ON 2-3/8" TBG. SET PKR @ 6310' WITH DIFFICULTY. P.T. SQZ'D PERFS & CSG TO 500#. LOST 200# IN 10 MINUTES. LEAKING PKR? RLS PKR. POOH STDG BACK TBG. EOT @ 5080'.  5 PM SWI-SDFN. PREP TO RUN PROD TBG & LAND			
9/29/2011	7:00 -		COMP	30		P		IN AM  7AM [DAY 4] JSAPOOH W/ TBG, RIH W/ TBG, FOAM UNITS, BROATCHING TBG, LAND TBG.  SICP=250#, SITP=250#. BLEW WELL DN. CONTROL TBG W/ 10 BBLS TMAC WATER. EOT @ 5080'. POOH STDG BACK TBG. L/D PKR.  P/U 3-7/8" FLOW TECH GOOD USED BIT, POBS W/ XN & RIH ON 2-3/8" TBG. TAG CBP @ 6500. ESTABLISH CIRCULATION W/ FOAM UNIT IN 1 HR. D/O HLBRN 8K CBP IN 5 MIN. 0# INC. RIH, TAG FILL @ 8176'. PBTD @ 8235', B.P. @ 8130'. POOH & L/D 16 JTS ON FLOAT. LAND TBG ON HNGR W/ 248 JTS 2-3/8" J-55 YELL BND TBG. EOT @ 7823.8', POBS W/ XN @ 7821.60'. TBG WAS BROATCHED. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 1350# W/ FOAM UNIT. BLOW WELL AROUND AND SHUT IN. PROD WILL PURGE AND START IN AM. RDMO FOAM UNIT.  LTR= 65 BBLS. RACK EQUIPMENT, RDMO. ROAD RIG TO BON 1023-7A. MIRU. SPOT EQUIP.			

10/14/2011 9:37:49AM 2

Sundry Number: 22902 API Well Number: 43047373200000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-33433
SUNDR	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals.	pen existing wells below laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-5H
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047373200000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	PHO h Street, Suite 600, Denver, CO, 80217 377	ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 5M&TURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1817 FNL 0571 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 5 Township: 10.0S Range: 23.0E Meridian: 9	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The operator reques well location. The o drill the Bonanza 1 Bonanza 1023-5A1	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	abandon the subject abandon the well to the following wells: nanza 1023-5H1BS,	Accepted by the
NAME (PLEASE PRINT) Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	TITLE Regulartory Analyst	
SIGNATURE N/A		DATE 2/7/2012	

Sundry Number: 22902 API Well Number: 43047373200000

Well Name: <u>BONANZA 1023-5H</u> 2/1/12

Surface Location: SENE Sec. 5, T10S, R23E

Uintah County, UT

**API:** 43043737320 **LEASE#:** UTU-33433

**ELEVATIONS:** 5335' GL 5351' KB

**TOTAL DEPTH:** 8415' **PBTD:** 8253'

**SURFACE CASING:** 9 5/8", 36# J-55 @ 2130'

**PRODUCTION CASING:** 4 1/2", 11.6# I-80 @ 8415'

TOC @ Surface per CBL

**PRODUCTION TUBING:** 2 3/8" J-55 @ 7824' (According to rig report dated 9/24/11)

PERFORATIONS: WASATCH 5098' - 6160'

MESAVERDE 6618' - 8130'

		Collapse	Burst psi	Capacities			
	inches	psi		Gal./ft.	Cuft/ft.		Bbl./ft.
2.375° 4.7# J-55 tbg.	1.901	8100	7700	0.1624	(	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528		0.0872	0.0155
9.625° 36# J-55	8.765	2020	3520	3.247		0.434	0.0773
Annular Capacities							
2.375° tbg. X 4 1/2° 11.	6# csg			0.4227	0.0565		0.01
4.5° csg X 9 5/8° 36#	4.5" csg X 9 5/8" 36# csg						0.053
4.5° csg X 7.875 borehole					0.2278		0.0406
9.625° csg X 12 1/4°	borehole			2.3428	0.3132		0.0558

#### **GEOLOGICAL TOPS:**

4279' Wasatch 6309' Mesaverde

## Recommended future action for disposition of well bore:

Temporarily abandon the wellbore during the drilling and completion operations of the **BONANZA 1023-5H** pad wells. Return to production as soon as possible once completions are done.

RECEIVED: Feb. 07, 2012

Sundry Number: 22902 API Well Number: 43047373200000

#### **BONANZA 1023-5H TEMPORARY ABANDONMENT PROCEDURE**

#### **GENERAL**

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

#### **PROCEDURE**

Note: An estimated 24 sx Class "G" cement needed for procedure

- 1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
- 2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
- 3. PLUG #1, ISOLATE MV/WAS PERFORATIONS (5098' 8130'): RIH W/ 4 ½" CBP. SET @ ~5050'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 8 SX/ 1.6 BBL/ 8.7 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~4950'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
- 4. PLUG #2, PROTECT TOP OF WASATCH (4279'): PUH TO ~4380'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 16 SX / 3.3 BBL / 18.3 CUFT AND BALANCE PLUG W/ TOC @ ~4170' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
- 5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
- 6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 2/1/12

RECEIVED: Feb. 07, 2012

SIAIEUFUIAH	
DEPARTMENT OF NATURAL RESOURCES	s
DIVISION OF OIL, GAS AND MININ	G

<del></del>			ENTITY ACTION	FORM	·		** ***********************************	
)naratar:	KERR	McGEE OIL & GAS ON	ISHORE LP					2005
Operator:		ox 173779	TOTIONE EI	Оре	erator Ac	count Nu	ımber: _	N 2995
\ddress:	-			-				
	city DE			-				
	state C	0	<sub>zip</sub> 80217	_	P	hone Nu	mber:	(720) 929-6029
<b>W</b>				_				
Weil 1 API Nu	mber	NA/AJI	Name	1 66		T =	<u> </u>	
See A		1		QQ	Sec	Twp	Rng	County
		See Atchm	r		<u> </u>			
Action	Code	Current Entity Number	New Entity Number	S	pud Da	te		tity Assignment Effective Date
		99999	19519				<u> </u>	1112012
Commen	ts: Diagr	o ooo otteebee all all all		<u>.</u>			<u> </u>	1115015
i - ve no		e see attachment with	list of Wells in the Pon	derosa Uı	nit.		513	30 12012
WSM	1/177							30 10010
Weii 2		·						
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County
Action	Code	Current Entity	New Entity	s	pud Dat	l	Fnt	tity Assignment
		Number	Number					Effective Date
				***************************************				
Comment	ts:							
				·				
Well 3								
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County
								×
Action	Code	Current Entity	New Entity	-	pud Dat	·^	F"4	L
		Number	Number	"	puu Dai	. <del>C</del>		ity Assignment Effective Date
				<del>                                     </del>				
Comment								
	<del>-</del>							
TION CODE								
A - Estat	olish new e	ntity for new well (single v	well only)	Ca	ra Mahle	r		
B - Add :	new well to	existing entity (group or a	unit well)	Nam	e (Please	Print)		
C - Re-a:	ssign well t ssign well t	rom one existing entity to	another existing entity	<del></del>				
E - Other	r (Explain i	rom one existing entity to n 'comments' section)	RECEIVED		ature GULATO	DV ANA	I VOT	E/04/0040
	, ,			Title		- AINA	LIJI	5/21/2012
			MAV a 4 2042	11110				Date

(5/2000)

MAY 2 1 2012

well name	sec	twp	rng	api	entity	le	ease	well	stat	qtr_qtr	bhl	surf zone	a_stat	I_num	op_no
SOUTHMAN CANYON 31-3	31	0908	230E	4304734726	13717		1	GW	Р	SENW		1 WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742			GW	S	SESW		1 WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	0908	230E	4304734898	13755		1	GW	Р	NWNW		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149				GW	Р	NWSE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31B	31	0908	230E	4304735150	<del></del>		!	GW	Р	NWNE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31P	31	0908	230E	4304735288	14037			GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		<del>-</del>	GW	Р	SENE		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-310	31	090S	230E	4304737205		:	1	GW	Р	SWSE		1 MVRD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	0908	230E	4304737209	16521		1	GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	Р	NENE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	Р	SWNE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	Р	NENE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	Р	SWNW		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	Р	NENW		1 MVRD	Р	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	Р	NESW		1 MVRD	Р	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	Р	SENW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	Р	NWNE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	Р	NWNW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	Р	SENE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1 (	GW	Р	NWSW		1 MVRD	Р	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1 (	GW	Р	NWSE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1 (	GW	Р	NESE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3 (	GW	Р	SWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3 (	GW	Р	NENW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3 (	GW	Р	NENE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3 (	ЭW	Р	SWNE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-20	02	100S	230E	4304735662	14289		3 (	ЭW	Р	SWSE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3 (	ЭW	S	NESE		3 WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3 (	ЭW	Р	SWSW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3 (	ЭW	Р	SENE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3 (	ЭW	Р	NWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3 (	ЭW	Р	NWNE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3 (	3W	Р	SESE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3 (	3W	Р	SESW		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2L	02		230E	4304737225	15833		3 (	ЭW	Р	NWSW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2F	02		230E	4304737226	15386				Р	SENW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2D-4	02		230E	4304738761	16033				Р	NWNW		3 WSMVD		ML-47062	N2995
BONANZA 1023-20-1	02	1	230E	4304738762	16013				Р	SWSE		3 WSMVD	+	ML-47062	N2995
BONANZA 1023-2H3CS	02		230E	4304750344	17426				Р	1	D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G3BS	02	4	230E	4304750345	17428			_	Р		D	3 MVRD	·i	ML 47062	N2995
BONANZA 1023-2G2CS	02		230E	4304750346	17429				Р		D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G1BS	02	<del></del>	230E	4304750347	17427				Р	<del> </del>	D	3 MVRD		ML 47062	N2995

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BONANZA 1023-2M1S	02	100S	230E	4304750379	17443	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445	3 GW	Р	SENW	D	3 WSMVD	P	ML 47062	N2995
BONANZA 4-6 🚁	04	100S	230E	4304734751	13841	1 GW	Р	NESW		1 MNCS	Р	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155	1 GW	Р	SWNW		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252	1 GW	Р	NENW	1	1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930	1 GW	Р	swsw		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-40	04	100S	230E	4304735688	15111	1 GW	P	SWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446	1 GW	Р	NESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	
BONANZA 1023-4D	04	100S	230E	4304737315	16352	1 GW	Р	NWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4B	04	100\$	230E	4304737328	16351	1 GW	P	NWNE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442	1 GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395	1 GW	Р	SESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356	1 GW	Р	SENW	İ	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297	1 GW	Р	SWSE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729	1 GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699	1 GW	Р	SWSW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922	1 GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904	1 GW	Р	NWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824	1 GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732	1 GW	Р	SESW	-	1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055	1 GW	Р	NWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795	1 GW	Р	SESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060	1 GW	Р	SESW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323	1 GW	Р	NESE	D	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484	1 GW	DRL	SWSW	D	1 WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507	1 GW	DRL	SWSW	D	1 WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796	1 GW	TA	NESW		1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951	1 GW	Р	NENW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6E	06	1008	230E	4304735358	14170	1 GW	Р	SWNW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233	1 GW	Р	SWSW		1 WSMVD	Р	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221	1 GW	Р	SWNE		1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-60	06	100S	230E	4304735630	14425	1 GW	TA	SWSE		1 WSMVD	TA	U-38419	N2995

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DOMANIZA 1022 CA	06	1000	230E	4204726067	14775	4	GW	Р	NENE	1	1 WSMVD	Р	U-33433	N2995
BONANZA 1023-6A		1005	_	4304736067			GW	P	SESW		1 WSMVD	P	UTU-38419	N2995 N2995
BONANZA 1023-6N	06	1008	230E	4304737211 4304737212	15672	- <del></del>		P			1 WSMVD	P		
BONANZA 1023-6L	06	1008	230E		15673		GW		NWSW	-			UTU-38419	N2995
BONANZA 1023-6J	06	1008	230E	4304737213	15620		GW	P	NWSE	+	1 WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	1008	230E	4304737214	15576		GW	TA	SENW	-	1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	1008	230E	4304737323	16794		GW	P	SESE	-	1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-6H	06	1008	230E	4304737324	16798		GW	S	SENE		1 WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100\$	230E	4304737429	17020		GW	P	NWNW		1 WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		GW	P	NWNE	<u> </u>	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-6M1BS	06	1008	230E	4304750452	17578		GW	P	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1AS	06	1008	230E	4304750453	17581	<del>ii</del>	GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-612S	06	100S	230E	4304750457	17790		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-614S	06	100S	230E	4304750458	17792		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292	1	GW	Р	NWNE	D ·	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318	1	GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316	1	GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244	1	GW	S	NENW		1 WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943	1	GW	Р	NWNE		1 MVRD	Р	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054	1	GW	Р	NWSW		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		GW	Р	NWNW		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		GW	Р	SESE		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		GW	Р	SENE	1	1 WSMVD	Р	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		GW	P	SESW		1 WSMVD	P		N2995
BONANZA 1023-7M	07	1005	230E	4304737215	16715		GW	P	SWSW		1 WSMVD	P		N2995
BONANZA 1023-7K	07	1005	230E	4304737216	16714		GW	P	NESW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	1005	230E	4304737217	16870		GW	P	SWNW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	1005	230E	4304737326	16765		GW	P	SWNE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	1005	230E	4304737327	16796		GW	P	NENE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	1005	230E	4304738304	16713		GW	P	SWSE		1 MVRD	P	UTU-38420	N2995
BONANZA 1023-70 BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		GW	P	NWNE		1 WSMVD	P	UTU-38420	N2995
		100S	230E				GW	Р	NWSE		1 WSMVD	P		N2995
BONANZA 1023-07JT	07			4304739390	16869 17494		GW	P		D	1 WSMVD	P		N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	-					+ +				
BONANZA 1023-7J2DS	07	1008	230E	4304750475	17495	<del>-</del>	GW	P		D	1 WSMVD	P		N2995
BONANZA 1023-7L3DS	07	1008	230E	4304750476	17939		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7M2AS	07	1008	230E	4304750477	17942		GW	P	· i	D	1 WSMVD	Р		N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941			P	NWSW	D	1 WSMVD	P		N2995
BONANZA 1023-704S	07	100S	230E	4304750480	17918		GW	P	SESE	D	1 WSMVD	Р		N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919			Р	SESE	D	1 WSMVD	Р		N2995
BONANZA 8-2	08	100S	230E	4304734087	13851	1 (	GW	P	SESE		1 MVRD	Р	U-37355	N2995

BONANZA 1023-8A   08 1005   230E   4304738718   14932   110W   P   NENE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 1005   230E   4304738729   15104   10W   P   NENE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8F   08 1005   230E   4304738929   14877   1 0W   P   SESW   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 1005   230E   4304738921   15355   1 0W   P   NESE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738921   15355   1 0W   P   NESE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738217   15564   1 0W   P   NESE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738217   15564   1 0W   P   SWSW   1 MVRD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   18397   1 0W   P   SWNW   1 MVRD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   18397   1 0W   P   SWNW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   16397   1 0W   P   NENW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   16392   1 0W   P   NENW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738221   16322   1 0W   P   NENW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   16322   1 0W   P   NENW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   16339   1 0W   P   SENE   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738218   16339   1 0W   P   NENW   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304738918   17919   1 0W   P   NENE   1 WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304750481   17519   1 0W   P   NENE   D   WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304750481   17519   1 0W   P   NENE   D   WSWVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 1005   230E   4304750481   17519   1 0W   P   NENE   D   WSWVD   P   UTU-37355	BONANZA 8-3	08	100S	230E	4304734770	13843	1 GW	Р	NWNW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-8L 08 100S 230E 4304738719 14876 1 GW P NWSW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8P 08 100S 230E 43047387989 14877 1 GW S SENW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738218 16903 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738219 16902 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738220 16355 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738220 16355 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738222 16353 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16392 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738414 17019 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304758491 17518 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304758491 17518 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304758491 17519 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 08 100S 230E 4304758491 17519 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 08 100S 230E 4304758498 17519 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 08 100S 230E 4304758498 17519 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 08 100S 230E 4304758498 17519 1 GW P NESW 1 WSMWD P UTU-37355 N2995 BONANZA 1023-8 08 08 100S 230E 43047584	BONANZA 1023-8A	08	100S	230E	4304735718	14932	1 GW	Р	NENE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8N 08 100S 230E 4304735720 15104 1 GW P SESW 1 IWSMVD P UTU-37355 N2995 BONANZA 1023-8F 08 100S 230E 4304738215 16358 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738215 16358 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738218 18903 1 GW P SWSW 1 MWRD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738218 18903 1 GW P SWSW 1 MWRD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738219 16397 1 GW P SWSW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 I GW P SWSW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 I GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 I GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430473823 1 I GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430473823 1 I GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738305 I 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738305 I 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738305 I 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475843 1 I GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475843 I I GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475843 I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475843 I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 BONANZA 1023-8 08 100S 230E 4304750448 I I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 BONANZA 1023-8 08 100S 230E 4304750495 I I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304750496 I I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304750498 I I I GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8			100S	230E	4304735719	14876	1 GW	Р	NWSW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8F   08 100S   230E   4304738298   14877   1 GW   S   SENW   1 WSMVD   D   UTU-37355   N2995   BONANZA 1023-8   08 100S   230E   4304738215   16358   1 GW   P   NESE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8M   08 100S   230E   4304738216   16354   1 GW   P   NESW   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8M   08 100S   230E   4304738218   16903   1 GW   P   SWWE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 100S   230E   4304738219   16397   1 GW   P   SWWE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 100S   230E   4304738219   16397   1 GW   P   SWWE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8G   08 100S   230E   4304738221   16292   1 GW   P   SWWE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 100S   230E   4304738221   16292   1 GW   P   SWNE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 100S   230E   4304738221   16292   1 GW   P   SWNE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 100S   230E   4304738214   16292   1 GW   P   SWNE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 100S   230E   4304738214   17019   1 GW   P   SWNE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8B   08 100S   230E   4304758481   17019   1 GW   P   SWNE   1 WSMVD   P   UTU-37355   N2995   BONANZA 1023-8A   BONANZA 1023-8A   BONANZA 1023-8A   BONANZA 1023-8B   BONANZA 102		08	100S	230E	4304735720	15104	1 GW	Р	SESW	Ì	1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8    08   100S   230E   4304738216   16358   1   GW   P   NESE   1   NESMVD   P   UTU-37355   N2956   BONANZA 1023-84   08   100S   230E   4304738217   16584   1   GW   P   NESW   1   NESWVD   P   UTU-37355   N2956   BONANZA 1023-8G   08   100S   230E   4304738217   16584   1   GW   P   SWSW   1   NESWVD   P   UTU-37355   N2956   BONANZA 1023-8G   08   100S   230E   4304738219   16395   1   GW   P   SWSWW   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738219   16395   1   GW   P   NESWW   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738229   16395   1   GW   P   NESW   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738222   16335   1   GW   P   SWSW   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8H   08   100S   230E   4304738305   1   GW   P   SWSE   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738305   1   GW   P   SWSE   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738305   1   GW   P   SWSE   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   08   100S   230E   4304738305   1   GW   P   NENE   D   1   NESWVD   P   UTU-37355   N2956   RONANZA 1023-8G   RONANZA 1023-					1	14877	1 GW	S	SENW		1 WSMVD	S	UTU-37355	N2995
BONANZA 1023-8K   08   100S   230E   4304738217   16584   1   1   1   1   1   1   1   1   1						i	1 GW	Р				Р	UTU-37355	N2995
BONANZA 1023-8M								Р			<u> </u>	Р		N2995
BONANZA 1023-8C								Р		1		Р		
BONANZA 1023-BE BONANZA 1023-BC BONANZA 1023-B		<del></del>			i constant and the second			Р				Р		
BONANZA 1023-8C  08 100S 230E 4304738220 18355 1 1 GW P NEWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8H 08 100S 230E 4304738221 18292 1 GW P NWWE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 08 100S 230E 4304738222 18353 1 GW P SENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 08 100S 230E 4304738222 18353 1 GW P SENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 08 100S 230E 4304738304 1 77019 1 GW P NWWE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 10S 10S 230E 4304750481 17518 1 GW P NWWE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 10S 10S 230E 4304750481 17518 1 GW P NENE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 10S 10S 230E 4304750481 17519 1 GW P NENE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8-B 1 MSMVD P								Р			1 WSMVD	Р		
BONANZA 1023-8B								Р				Р		N2995
BONANZA 1023-8H   08								Р				Р		4
BONANZA 1023-80				i	·			Р				Р		
BONANZA 1023-8B-4   08 100S 230E						······································		Р		1		Р		
BONANZA 1023-8A1DS								Р			+	Р		
BONANZA 1023-8AJABS								Р		D	<u> </u>	Р		
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BONANZA 1023-8H3DS         08         100S         230E         4304751142         18143         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8H4DS         08         100S         230E         4304751143         18141         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8I4BS         08         100S         230E         4304751145         18154         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8J4BS         08         100S         230E         4304751145         18154         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8P1AS         08         100S         230E         4304751146         18156         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995								Р				Р		
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BONANZA 1023-8I4BS         08         100S         230E         4304751144         18155         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8J4BS         08         100S         230E         4304751145         18154         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8P1AS         08         100S         230E         4304751146         18156         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995				<del></del>	,						i and the second		NAME OF THE OWNER OWNER O	1
BONANZA 1023-8J4BS         08         100S         230E         4304751145         18154         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995           BONANZA 1023-8P1AS         08         100S         230E         4304751146         18156         1 GW         P         NESE         D         1 WSMVD         P         UTU 37355         N2995								-		-	<del></del>	+		
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BONANZA 1023-8P2BS   108   100S   230E   4304751147   18153   1   1   1   1   1   WSMVD   P   UTU 37355   N2995 I	BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153	1 GW	P	NESE	D	1 WSMVD	Р		N2995
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	BONANZA 1023-8E2DS			<u> </u>				1				-		

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BONANZA 1023-8E3DS	80	100S	230E	4304751150	18200	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K1CS	80	100S	230E	4304751151	18199	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8L3DS	80	100S	230E	4304751153	18197	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2AS	80	100S	230E	4304751154	18217	1 GW	Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2DS	80	100S	230E	4304751155	18216	1 GW	Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N2BS	80	100S	230E	4304751156	18218	1 GW	Р	swsw	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-803CS	80	100S	230E	4304751157	18254	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N3DS	80	100S	230E	4304751158	18215	1 GW	Р	swsw	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-804AS	08	100S	230E	4304751159	18252	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468	1 GW	Р	NENW	1	1 MVRD	Р	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767	1 GW	S	swsw		1 MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685	1 GW	S	NWSE		1 MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852	1 GW	P	NWNE	]	1 MVRD	Р	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892	1 GW	Р	SESW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931	1 GW	Р	SWNW		1 WSMVD	Р	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766	1 GW	Р	NESE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398	1 GW	Р	NWNW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989	1 GW	Р	NWSE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782	1 GW	Р	NWNW		1 MVRD	Р	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164	1 GW	Р	NWSW		1 WSMVD	Р	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501	1 GW	Р	SWNW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500	1 GW	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015	1 GW	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 11-2 🛠	11	100S	230E	4304734773	13768	1 GW	Р	SWNW		1 MVMCS	Р	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132	1 GW	Р	NESW		1 WSMVD	Р	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764	1 GW	Р	NWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797	1 GW	Р	SENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711	1 GW	Р	NWNW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826	1 GW	Р	SWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736	1 GW	Р	NENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839	1 GW	Р	NWSE		1 WSMVD	Р	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646	1 GW	Р	SESW		1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687	1 GW	Р	swsw	j	1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987	1 GW	Р	NWSW		1 WSMVD	Р	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480	1 GW	Р	NENW		1 MVRD	Р		N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500	1 GW	s	NENW		1 MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799	1 GW	Р	NWNW		1 MVRD	Р		N2995
BONANZA 1023-14C	14		230E	4304738299	16623	1 GW	Р	NENW			Р		N2995
BONANZA FEDERAL 3-15	15	1008	230E	4304731278	8406	1 GW	-	NENW		1 MVRD	Р	U-38428	N2995
DOIVAIVEAT EDETIVIE 0-10		1.550					1.	1			·		

\* not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1 GW	Р	SENE	T	1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988	,	1 GW	Р	NWSE		1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1 GW	Р	NESE	D	1 MVRD	Р	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		I GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495	3	GW	Р	NESE		3 WSMVD	Р	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		GW	OPS	NWSE		3 WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		I GW	Р	NWNE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		I GW	Р	NENW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		GW	Р	NENW	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410	•	GW	Р	SWNE		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		GW	Р	NWNE		1 WSMVD	Р	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668	1	GW	Р	NWNW		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625	1	GW	Р	NENE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624	1	GW	Р	SENW		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645	1	GW	Р	SWNW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734	1	GW	Р	NENW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135	1	GW	Р	SWNE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498	. 1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496	1	GW	Р	SENW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		GW	P	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565		GW	Р	SENW		MVRD	Ρ	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320		GW	P	NENW	D	WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319		GW		NENW	D			UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317		GW	Р	NENW	D	WSMVD	Р	UTU 38419	N2995

Sundry Number: 45633 API Well Number: 43047373200000

	STATE OF UTAH				FORM 9
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN			5.LEASE UTU-3	DESIGNATION AND SERIAL NUMBER: 3433
SUNDR	Y NOTICES AND REPORTS	ON V	WELLS	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.			7.UNIT o	r CA AGREEMENT NAME: ROSA
1. TYPE OF WELL Gas Well					NAME and NUMBER: NZA 1023-5H
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.			<b>9. API NI</b> 43047	JMBER: 373200000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 80217		<b>NE NUMBER:</b> 9 720 929-6		and POOL or WILDCAT: AL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1817 FNL 0571 FEL			COUNTY		
QTR/QTR, SECTION, TOWNSH	IIP, RANGE, MERIDIAN: 5 Township: 10.0S Range: 23.0E Meridi	lian: S		STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICAT	TE NA	ATURE OF NOTICE, REPOR	T, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		LTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ сн	HANGE TUBING		CHANGE WELL NAME
	CHANGE WELL STATUS	□ cc	OMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FR	RACTURE TREAT		NEW CONSTRUCTION
11/5/2013	OPERATOR CHANGE	PL	LUG AND ABANDON		PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RE	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIE	DETRACK TO REPAIR WELL		TEMPORARY ABANDON
_	TUBING REPAIR	U VE	ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI	TA STATUS EXTENSION		APD EXTENSION
	WILDCAT WELL DETERMINATION	<b>√</b> от	THER	отні	Production Enhancement
12 DESCRIPE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	all nort	tinent details including detect d		
The operator cond the subject well on	ucted the following workove 11/05/2013. Please see the rell history for details. Thank	er/we atta	ellbore cleanout on ached chronological	FOI	Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY Ianuary 08, 2014
NAME (PLEASE PRINT)	PHONE NUMB	REP	TITLE		
Kay E. Kelly	720 929 6582		Regulatory Analyst		
SIGNATURE N/A			<b>DATE</b> 12/5/2013		

					U	S ROC	KIES RI	EGION					
					Opera	tion S	umma	ary Report					
Well: BONANZA	1023-5H			Spud Co	nductor: 4	/11/2008		Spud Date: 4/1	13/2008				
Project: UTAH-L	JINTAH			Site: BOI	NANZA 10	)23-5H		Rig Name No: SWABBCO 8/8					
Event: WELL W	ORK EXP	ENSE		Start Dat	e: 10/29/2	013			End Date: 11/5/2013				
Active Datum: R Level)	KB @5,3	51.00usft (a	bove Mean Se			DNANZA	1023-5H						
Date		Time art-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation				
10/29/2013	7:00	- 7:15	0.25	MAINT	48		Р		HSM, JSA				
	7:15	- 12:00	4.75	MAINT	30	Α	Р		MIRU, 100# FCP, CONTROL WELL W/ 30 BBLS T-MAC, ND WH, NU BOP'S, RU FLOOR & TBG EQUIP, HAD AND H2S MONITER GO OFF, MIX & PUMP 55 GAL H2S CHEMICAL W/ 80 BBLS T-MAC				
	12:00	- 16:15	4.25	MAINT	31	I	Р		TIH W/ TBG, TAG FILL @ 7882', MIRU SCAN TECH, TOOH & SCAN 2-3/8" TBG, SCAN SHOWED 148 GOOD JTS & 100 BAD JTS, HEAVY EXTERNAL SCALE FROM JNT 206 TO 248, THE 100 JTS WERE REJECTED DUE TO HEAVY PITTING & WALL LOSS				
	16:15	- 17:00	0.75	MAINT	31	1	Р		P/U X-LONG 3-7/8" MILL, TIH W/ 21 STANDS, SDFN				
10/30/2013	7:00	- 7:15	0.25	MAINT	48		Р		JSA-SAFETY MEETING				
		- 11:30	4.25	MAINT	31	ı	Р		400# ON WELL, BLOW DN TO FBT, RIH W/ 2 3/8" TBG TALLY TBG IN, TAG SCALE @ 7862'				
	11:30	- 15:30	4.00	MAINT	44	С	Р		R/U SWIVEL AND FOAM UNIT, ESTB CIRC W/ FOAM UNIT, C/O SCALE FROM 7862' TO7960', RIH TO 8135' C/O TO 8150' PBTD, ( OLD PUMP OFF BIT ), CIRC WELL CLEAN, R/D SWIVEL AND FOAM UNIT,				
	15:30	- 17:00	1.50	MAINT	31	I	Р		P/O LAY DN 10 JTS ON TRAILER, P/O 30 STANDS, SHUT WELL IN SDFN,				
10/31/2013	7:00	- 7:15	0.25	MAINT	48		Р		JSA-SAFETY MEETING				
	7:15	- 9:00	1.75	MAINT	31	ı	Р		460# ON WELL BLOW DN TO TK, TOOH W/ TBG LAY DN MILL,				
	9:00	- 12:00	3.00	MAINT	31	I	Р		P/U LSN NIPPLE RIH W/ 2 3/8" J-55 TBG, BROACH TBG IN HOLE, LAND TBG @7835', W/ 249 JTS 2 3/8" J-55 TBG, N/D BOPS, N/U WH, R/D UNIT MOVE OFF LOC,				
									KB = 18.00' HANGER = .83' 101 JTS 2 3/8" J-55 NEW TBG = 3166.83' 148 JTS 2 3/8" J-55 YELLOW = 4647.94' LSN NIPPLE = 1.45' EOT = 7835.05'				
11/1/2013	7:00	- 15:00	8.00	MAINT	42				C&S SWABBING ALFONSO. MADE 3 SWAB RUNS AND GOT BACK 105 BBLS.				
11/2/2013	7:00	- 10:30	3.50	MAINT	42				C&S SWABBING ALFONSO. MADE 5 SWAB RUNS AND GOT BACK 39 BBLS.				
11/4/2013	7:00	- 15:00	8.00	MAINT	42				C&S SWABBING ALFONSO. MADE 15 SWAB RUNS AND GOT BACK 115 BBLS.				
11/5/2013	7:00	- 16:00	9.00	MAINT	42				C&S SWABBING ALFONSO. MADE 9 SWAB RUNS AND GOT BACK 83 BBLS.				

12/4/2013 3:29:41PM 1